



# P&C **HAND TOOLS**

---

QUALITY TOOLS FOR BUILDING AMERICA

The **BEST TOOLS**  
money can buy

over 1500 hand tools

CATALOG NO. 66200



# The BEST TOOLS money can buy BECAUSE...



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2. Only the finest tool steels and special alloys are used.



3. Fabrication is by skilled master craftsmen who take pride in their work.



4. Every tool must meet rigid piece by piece inspection before it leaves the P & C factory.

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P & C Tools are America's finest quality tools. They are made from the very best steels and alloys obtainable. No effort is spared in the design, workmanship or final painstaking inspection. Should any P & C tool be found defective in workmanship or material and returned prepaid to the factory it will be replaced or repaired without charge provided it has been used for the purpose for which that tool was designed.



P.O. Box 22066 Portland, Oregon 97222

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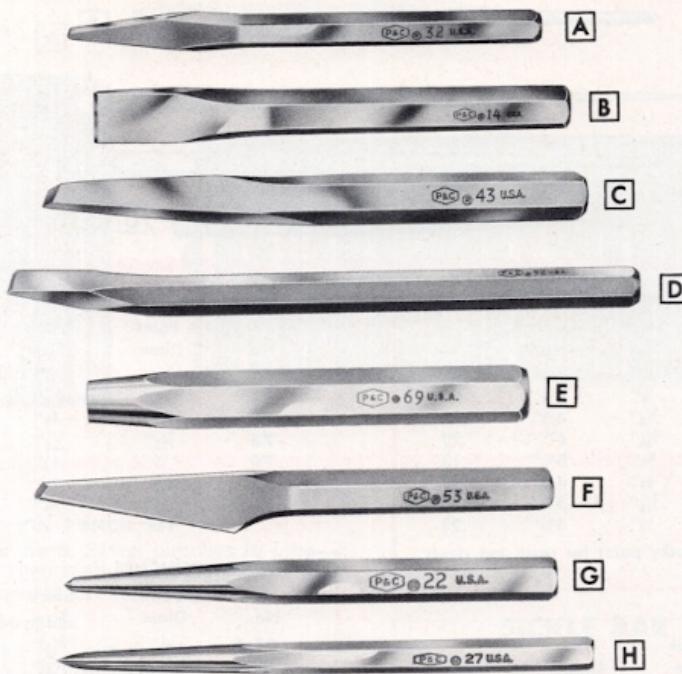
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# CHISELS AND PUNCHES

P&C

3



Designed to do their job with speed and efficiency, P&C Chisels and Punches are the best money can buy. Made of special analysis alloy steel, hammer forged for toughness. Cutting bevels are carefully engineered to give lasting efficiency. Every tool is scientifically heat treated to proper temper for maximum edge holding. Heads beveled to prevent mushrooming. Finished in attractive grey satin, sandblasted and lacquer dipped to resist rust.

## A CAPE CHISELS

| No. | Cut              | Stock            | Length           | Wt. Lbs. |
|-----|------------------|------------------|------------------|----------|
| 30  | $\frac{3}{16}$ " | $\frac{1}{4}$ "  | $4\frac{1}{2}$ " | .08      |
| 31  | $\frac{1}{4}$ "  | $\frac{5}{16}$ " | $5\frac{1}{4}$ " | .13      |
| 32  | $\frac{5}{16}$ " | $\frac{3}{8}$ "  | $5\frac{3}{4}$ " | .18      |
| 33  | $\frac{3}{8}$ "  | $\frac{1}{2}$ "  | $6\frac{1}{4}$ " | .30      |
| 34  | $\frac{7}{16}$ " | $\frac{5}{8}$ "  | 7"               | .45      |

## B COLD CHISELS

| No.  | Cut               | Stock             | Length            | Wt. Lbs. |
|------|-------------------|-------------------|-------------------|----------|
| 9-A  | $\frac{1}{4}$ "   | $\frac{3}{16}$ "  | $4\frac{1}{8}$ "  | .04      |
| 10   | $\frac{5}{16}$ "  | $\frac{1}{4}$ "   | $5\frac{1}{8}$ "  | .08      |
| 11   | $\frac{3}{8}$ "   | $\frac{5}{16}$ "  | $5\frac{3}{8}$ "  | .13      |
| 12   | $\frac{7}{16}$ "  | $\frac{3}{8}$ "   | $5\frac{1}{2}$ "  | .18      |
| 12-A | $\frac{1}{2}$ "   | $\frac{7}{16}$ "  | 6"                | .26      |
| 13   | $\frac{5}{8}$ "   | $\frac{1}{2}$ "   | $6\frac{1}{8}$ "  | .37      |
| 14   | $\frac{3}{4}$ "   | $\frac{5}{8}$ "   | 7"                | .53      |
| 15   | $\frac{7}{8}$ "   | $\frac{3}{4}$ "   | 8"                | .90      |
| 17   | $\frac{7}{8}$ "   | $\frac{3}{4}$ "   | $12\frac{1}{8}$ " | 1.43     |
| 17-A | 1"                | $1\frac{1}{16}$ " | 8"                | 1.16     |
| 18   | 1"                | $1\frac{1}{16}$ " | $12\frac{1}{8}$ " | 1.85     |
| 19   | $1\frac{1}{16}$ " | $1\frac{1}{16}$ " | $12\frac{1}{8}$ " | 2.35     |

## C DIAMOND POINT CHISELS

| No. | Cut              | Stock            | Length           | Wt. Lbs. |
|-----|------------------|------------------|------------------|----------|
| 40  | $\frac{5}{32}$ " | $\frac{1}{4}$ "  | $4\frac{1}{2}$ " | .07      |
| 41  | $\frac{3}{16}$ " | $\frac{5}{16}$ " | 5"               | .13      |
| 42  | $\frac{7}{32}$ " | $\frac{3}{8}$ "  | $5\frac{1}{2}$ " | .18      |
| 43  | $\frac{9}{32}$ " | $\frac{1}{2}$ "  | 6"               | .33      |

## D RIVET SHEAR CHISELS

| No. | Cut             | Stock           | Length            | Wt. Lbs. |
|-----|-----------------|-----------------|-------------------|----------|
| 91  | $\frac{3}{4}$ " | $\frac{5}{8}$ " | 6"                | .45      |
| 92  | $\frac{7}{8}$ " | $\frac{3}{4}$ " | $12\frac{1}{8}$ " | 1.40     |

## E RIVET HEADER CHISEL

For forming round uniform heads.

| No. | Point Diam.      | Stock Size      | Length | Wt. Lbs. |
|-----|------------------|-----------------|--------|----------|
| 69  | $\frac{7}{16}$ " | $\frac{5}{8}$ " | 5"     | .40      |

## F ROUND NOSE CHISELS

| No. | Cut              | Stock            | Length           | Wt. Lbs. |
|-----|------------------|------------------|------------------|----------|
| 50  | $\frac{3}{32}$ " | $\frac{1}{4}$ "  | $4\frac{1}{2}$ " | .06      |
| 51  | $\frac{5}{32}$ " | $\frac{5}{16}$ " | $5\frac{1}{4}$ " | .11      |
| 52  | $\frac{7}{32}$ " | $\frac{3}{8}$ "  | $5\frac{3}{4}$ " | .15      |
| 53  | $\frac{1}{2}$ "  | $\frac{1}{2}$ "  | $6\frac{1}{4}$ " | .30      |

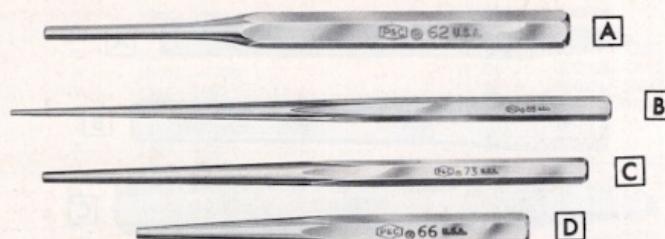
## G CENTER PUNCHES

| No.  | Stock Size       | Length           | Wt. Lbs. |
|------|------------------|------------------|----------|
| 20   | $\frac{1}{4}$ "  | 4"               | .05      |
| 21   | $\frac{5}{16}$ " | $4\frac{1}{2}$ " | .10      |
| 22   | $\frac{3}{8}$ "  | $4\frac{3}{4}$ " | .15      |
| 22-A | $\frac{7}{16}$ " | $4\frac{7}{8}$ " | .19      |
| 23   | $\frac{1}{2}$ "  | 5"               | .25      |
| 24   | $\frac{5}{8}$ "  | 6"               | .45      |

## H PRICK PUNCHES

| No. | Stock Size       | Length           | Wt. Lbs. |
|-----|------------------|------------------|----------|
| 27  | $\frac{1}{4}$ "  | $4\frac{1}{2}$ " | .08      |
| 28  | $\frac{5}{16}$ " | 5"               | .10      |
| 29  | $\frac{5}{8}$ "  | $5\frac{1}{2}$ " | .15      |

All P & C Tools are size marked to speed use on the job.



## A PIN PUNCHES

| No.          | Point Diam.      | Point Length     | Stock Size       | Overall Length   | Wt. Lbs. |
|--------------|------------------|------------------|------------------|------------------|----------|
| <b>58</b>    | $\frac{1}{16}''$ | $3\frac{1}{4}''$ | $\frac{1}{4}''$  | $4\frac{1}{4}''$ | .05      |
| <b>60</b>    | $\frac{3}{32}''$ | $3\frac{1}{4}''$ | $\frac{1}{4}''$  | $4\frac{1}{4}''$ | .05      |
| <b>61</b>    | $\frac{1}{16}''$ | $1''$            | $\frac{5}{16}''$ | $4\frac{1}{2}''$ | .08      |
| <b>62</b>    | $\frac{5}{32}''$ | $1\frac{1}{4}''$ | $\frac{7}{16}''$ | $5''$            | .10      |
| <b>63</b>    | $\frac{3}{16}''$ | $1\frac{3}{8}''$ | $\frac{3}{8}''$  | $5\frac{1}{4}''$ | .13      |
| <b>*63-5</b> | $\frac{3}{16}''$ | $3\frac{1}{4}''$ | $\frac{3}{8}''$  | $4\frac{5}{8}''$ | .11      |
| <b>64</b>    | $\frac{7}{32}''$ | $1\frac{1}{2}''$ | $\frac{7}{16}''$ | $5\frac{1}{2}''$ | .18      |
| <b>64-1</b>  | $\frac{1}{4}''$  | $1\frac{5}{8}''$ | $\frac{1}{2}''$  | $5\frac{3}{4}''$ | .23      |

\*Special punch with short husky point for removing rivets on sickle bars.

## **B** ALIGNING PUNCH

| No.       | Point<br>Diam.   | Stock<br>Size   | Length | Wt. Lbs. |
|-----------|------------------|-----------------|--------|----------|
| <b>88</b> | $\frac{3}{16}$ " | $\frac{5}{8}$ " | 16"    | .98      |

**C DRIFT PUNCHES**

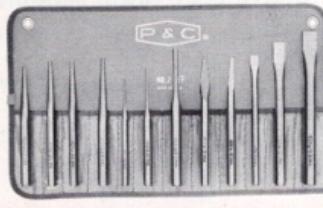
| No. | Point<br>Diam.   | Stock<br>Size    | Length | Wt. Lbs. |
|-----|------------------|------------------|--------|----------|
| 70  | $\frac{3}{32}$ " | $\frac{1}{4}$ "  | 10"    | .10      |
| 71  | $\frac{1}{8}$ "  | $\frac{5}{16}$ " | 10"    | .15      |
| 72  | $\frac{3}{16}$ " | $\frac{3}{8}$ "  | 10"    | .23      |
| 73  | $\frac{7}{32}$ " | $\frac{7}{16}$ " | 10"    | .33      |
| 74  | $\frac{1}{4}$ "  | $\frac{1}{2}$ "  | 10"    | .43      |
| 75  | $\frac{5}{16}$ " | $\frac{5}{8}$ "  | 10"    | .68      |
| 76  | $\frac{9}{32}$ " | $\frac{3}{4}$ "  | 10"    | 1.00     |

## D STARTER PUNCHES

| No.         | Point<br>Diam.   | Stock<br>Size    | Overall<br>Length | Wt. Lbs. |
|-------------|------------------|------------------|-------------------|----------|
| <b>65-A</b> | $\frac{1}{16}$ " | $\frac{3}{16}$ " | $4\frac{1}{4}$ "  | .03      |
| <b>65</b>   | $\frac{1}{8}$ "  | $\frac{5}{16}$ " | 5"                | .10      |
| <b>66</b>   | $\frac{5}{32}$ " | $\frac{3}{16}$ " | 5"                | .15      |
| <b>67</b>   | $\frac{3}{16}$ " | $\frac{1}{2}$ "  | 5"                | .25      |



## **CHISEL AND PUNCH SETS**



**A No. 9 UTILITY SET**

Supplies the three most used punch and chisel items in a handy, hang-up plastic case of attractive blue vinyl.

Set includes one each of the following:

| No.  | Description   |
|------|---|
| 12   | Cold Chisel - $\frac{1}{16}$ " cut  |
| 22   | Center Punch - $\frac{3}{16}$ " stock size                                      |
| 66   | Starter Punch - $\frac{5}{32}$ " point diameter<br>$\frac{2}{3}$ " point length |
| 2409 | Plastic Kit   |
|      | Wt. .45 Lbs.  |

**B** No. 3 PUNCH AND CHISEL SET

Contains center, pin and starter punches, plus cold chisels. Many uses for this handy set.

Set includes one each of the following:

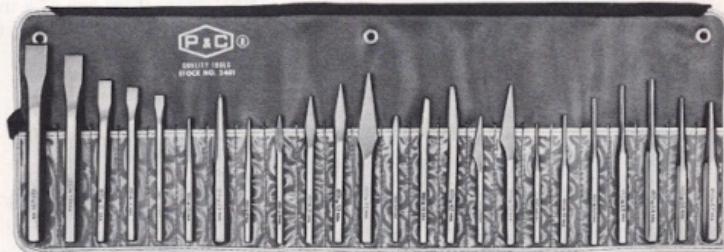
| No.  | Description   | Wt. .95 Lbs. |
|------|---|--------------|
| 13   | Cold Chisel — $\frac{5}{16}$ " cut size   |              |
| 22   | Center Punch — $\frac{3}{8}$ " stock size                                       |              |
| 61   | Pin Punch — $\frac{1}{8}$ " point diameter<br>1" point length                   |              |
| 63   | Pin Punch — $\frac{3}{16}$ " point diameter<br>$1\frac{1}{8}$ " point length    |              |
| 65   | Starter Punch — $\frac{1}{8}$ " point diameter<br>$2\frac{1}{4}$ " point length |              |
| 2411 | Plastic Kit   |              |

**C No. 2 POPULAR SET**

Contains twelve punches and chisels used by master mechanics everywhere. Conveniently arranged in attractive blue vinyl case.

Set includes one each of the following:

| No.  | Description  |
|------|--|
| 10   | Cold Chisel — $\frac{5}{16}$ " cut size  |
| 12   | Cold Chisel — $\frac{7}{16}$ " cut size  |
| 12-A | Cold Chisel — $\frac{1}{2}$ " cut size   |
| 22   | Center Punch — $\frac{3}{16}$ " stock size                                       |
| 31   | Cape Chisel — $\frac{1}{4}$ " cut size   |
| 41   | Diamond Point Chisel — $\frac{3}{16}$ " cut size                                 |
| 60   | Pin Punch — $\frac{3}{32}$ " point diameter<br>$\frac{3}{4}$ " point length      |
| /    |  |
| 61   | Pin Punch — $\frac{1}{8}$ " point diameter<br>$1\frac{1}{2}$ " point length      |
| 63   | Pin Punch — $\frac{3}{16}$ " point diameter<br>$1\frac{1}{2}$ " point length     |
| 65   | Starter Punch — $\frac{1}{8}$ " point diameter<br>$2\frac{1}{4}$ " point length  |
| 65-A | Starter Punch — $\frac{1}{16}$ " point diameter<br>$\frac{3}{16}$ " stock size   |
| 66   | Starter Punch — $\frac{3}{32}$ " point diameter<br>$2\frac{1}{2}$ " point length |
| 2402 | Plastic Kit (12 pocket)      Wt. 1.55 Lbs.                                       |

**A No. 2-A RIVET AND PIN PUNCH SET**

All sizes you'll ever need. Seven punches in blue vinyl plastic kit to keep them in proper order. Set includes one each of the following:

| No.  | Description                                 |
|------|---|
| 58   | Pin Punch — $\frac{1}{16}$ " point diameter |
| 60   | Pin Punch — $\frac{3}{32}$ " point diameter |
| 61   | Pin Punch — $\frac{1}{8}$ " point diameter  |
| 62   | Pin Punch — $\frac{5}{32}$ " point diameter |
| 63   | Pin Punch — $\frac{3}{16}$ " point diameter |
| 64   | Pin Punch — $\frac{7}{32}$ " point diameter |
| 64-1 | Pin Punch — $\frac{1}{4}$ " point diameter  |
| 2403 | Plastic Kit (7 pocket) Wt. 1.10 Lbs.        |

**B No. 1 MASTER SET — 24 PIECES**

Includes every punch and chisel you'll need for the majority of jobs. And they're all organized in a handy plastic, easy-visibility case to make selection easier and to protect every tool. Set includes one each of the following:

| No.  | Description  |
|------|--|
| 10   | Cold Chisel — $\frac{3}{16}$ " cut   |
| 11   | Cold Chisel — $\frac{3}{8}$ " cut  |
| 12   | Cold Chisel — $\frac{7}{16}$ " cut   |
| 13   | Cold Chisel — $\frac{5}{8}$ " cut  |
| 14   | Cold Chisel — $\frac{3}{4}$ " cut  |
| 21   | Center Punch — $\frac{3}{16}$ " stock  |
| 23   | Center Punch — $\frac{1}{2}$ " stock   |
| 27   | Prick Punch — $\frac{1}{4}$ " stock  |
| 30   | Cape Chisel — $\frac{3}{16}$ " cut   |
| 31   | Cape Chisel — $\frac{1}{2}$ " cut  |
| 32   | Cape Chisel — $\frac{5}{16}$ " cut   |
| 33   | Cape Chisel — $\frac{3}{8}$ " cut  |
| 40   | Diamond Chisel — $\frac{5}{32}$ " cut  |
| 41   | Diamond Chisel — $\frac{3}{16}$ " cut  |
| 42   | Diamond Chisel — $\frac{7}{32}$ " cut  |
| 50   | Round Nose Chisel — $\frac{3}{32}$ " cut   |
| 52   | Round Nose Chisel — $\frac{5}{16}$ " cut   |
| 60   | Pin Punch — $\frac{3}{32}$ " point diameter<br>$\frac{3}{4}$ " point length      |
| 61   | Pin Punch — $\frac{1}{8}$ " point diameter<br>$1$ " point length                 |
| 62   | Pin Punch — $\frac{5}{32}$ " point diameter<br>$1\frac{1}{4}$ " point length     |
| 63   | Pin Punch — $\frac{3}{16}$ " point diameter<br>$1\frac{3}{8}$ " point length     |
| 64   | Pin Punch — $\frac{7}{32}$ " point diameter<br>$1\frac{1}{2}$ " point length     |
| 66   | Starter Punch — $\frac{5}{32}$ " point diameter<br>$2\frac{3}{8}$ " point length |
| 67   | Starter Punch — $\frac{3}{16}$ " point diameter<br>$2\frac{3}{8}$ " point length |
| 2401 | Plastic Kit Wt. 3.80 Lbs.  |

**SICKLE BAR REPAIR SETS****SET No. 6**

Here are three chisel and punch sets specifically designed to repair knife sections and ledger plates on harvesting equipment. Each does the job quickly and easily, saves important production time. Come in handy plastic kit.

Sets are made up from the following:

**No. 63-5 PIN PUNCH**

Designed for driving out rivets. Short and husky yet long enough to reach through ledger plate and guard.

**No. 67 STARTER PUNCH**

For breaking loose ledger plate rivets.

**No. 69 RIVET HEADER**

For knife section rivets. Forms round, uniform head.

**No. 91 RIVET SHEAR**

For cutting section rivets.

**SET No. 6**

Includes one each of Nos. 63-5, 67, 69 and Plastic Kit No. 2406.

**SET No. 7**

Includes one each of Nos. 63-5, 67, 69, 91 and Plastic Kit No. 2407.

**SET No. 8**

Includes one each of Nos. 63-5, 69, 91 and Plastic Kit No. 2406.



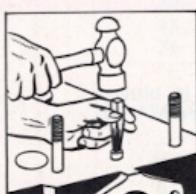
Works on either right or left threads. Drill size clearly marked on each tool. Made of toughest, special alloy steel with sharp fluted edges that gives a positive bite. Gradual taper prevents wedging and binding. Even if the pilot hole is drilled clear through this extractor will not chew up the object as other extractors do. Sizes available to meet all needs.

### **FOR REMOVING SCREWS, BOLTS, STUDS, PIPE**

P&C Extractors are of a unique design that makes removing broken bolts, screws and studs faster and easier. Just these three simple steps:



(1) Drill hole to size specified

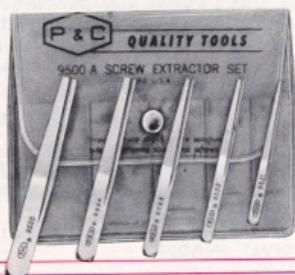


(2) Drive in P&C Extractor

(3) Turn out broken object

| No.   | Drill Size | Minimum Depth of Hole | Size of Shank | U.S.S. Screw Stud or Bolt Size | Pipe Size | Overall Length | Wt. Lbs. |
|-------|------------|-----------------------|---------------|--------------------------------|-----------|----------------|----------|
| 9521  | 1/8"       | 3/8"                  | 3/16"         | 1/4, 5/16"                     | ....      | 2 1/2"         | .01      |
| 9522  | 3/16"      | 1/2"                  | 3/16"         | 3/8"                           | ....      | 2 1/2"         | .02      |
| *9523 | 1 1/4"     | 1/2"                  | 1/4"          | 7/16"                          | 1/8"      | 2 1/8"         | .04      |
| 9524  | 5/16"      | 1/2"                  | 5/16"         | 5/16, 9/16"                    | 1/4"      | 3"             | .06      |
| 9525  | 3/8"       | 5/8"                  | 3/8"          | 5/8"                           | 3/8"      | 3 1/4"         | .10      |
| 9525B | 1 1/32"    | 11/16"                | 7/16"         | 3/4"                           | ....      | 3 1/2"         | .17      |
| 9526  | 9/16"      | 11/16"                | 1/2"          | 7/8"                           | 1/2"      | 4 1/2"         | .23      |
| 9527  | 2 1/32"    | 3/4"                  | 5/8"          | 1, 1 1/16"                     | 1/2"      | 4 7/8"         | .40      |
| 9528  | 1 1/16"    | 3/4"                  | 3/4"          | 1 1/4, 1 3/16"                 | 3/4"      | 5 3/8"         | .65      |
| 9529  | 1 1/16"    | 3/4"                  | 1"            | 1 1/2"                         | 1"        | 5 1/2"         | 1.12     |

\*For broken Alemite fittings.



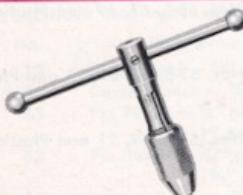
### **SCREW EXTRACTOR SET**

**No. 9500-A**

The five most used screw extractors in a handy, see-through plastic kit of tough and lasting vinyl. Set includes one each of the following extractors:

Numbers 9521, 9522, 9523, 9524, 9525 Weight .26 Lb.

FOR STUD REMOVERS SEE PAGE 20



### **TAP WRENCHES**

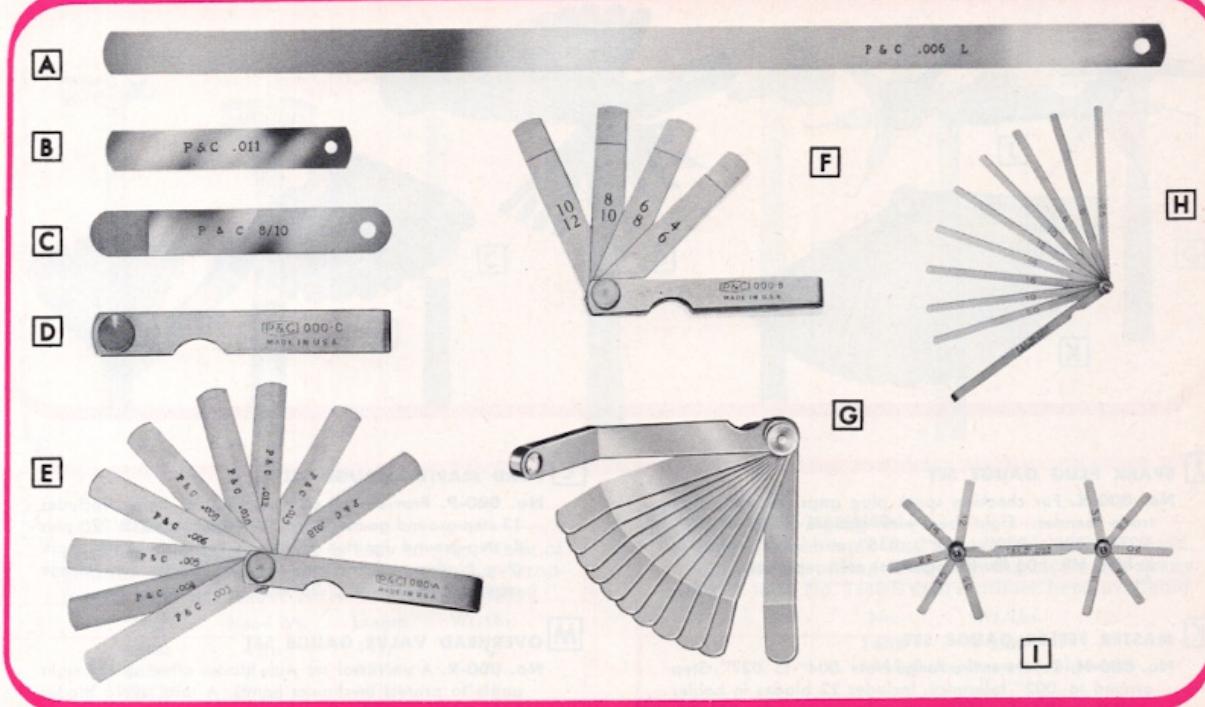
Handy for holding drills, reamers and other small tools in addition to taps. Knurled chuck shell adjusts easily. Chuck provides a firm grip even when only a small bite is taken. Handle slides for use in tight places.

| No.  | Handle | Capacity      | Wt. Lbs. |
|------|--------|---------------|----------|
| 1688 | 3 1/4" | 1/16" - 7/32" | .15      |
| 1689 | 5 3/4" | 1/4" - 1/2"   | .63      |

# FEELER GAUGES & GAUGE SETS

P&C

7



Accuracy, flexibility and careful heat treating that assures long life . . . these are the reasons P&C Feeler Gauges are so popular everywhere.

**A LONG BLADES**

1/2" wide, 12" long.

| No.    | Wt. Lbs. | No.   | Wt. Lbs. | No.   | Wt. Lbs. |
|--------|----------|-------|----------|-------|----------|
| 0015-L | .002     | 013-L | .023     | 025-L | .040     |
| 002-L  | .004     | 014-L | .023     | 026-L | .041     |
| 003-L  | .006     | 015-L | .027     | 027-L | .043     |
| 004-L  | .008     | 016-L | .027     | 028-L | .046     |
| 005-L  | .009     | 017-L | .028     | 030-L | .050     |
| 006-L  | .012     | 018-L | .030     | 032-L | .054     |
| 008-L  | .016     | 019-L | .031     | 035-L | .057     |
| 010-L  | .019     | 020-L | .032     | 040-L | .070     |
| 011-L  | .019     | 021-L | .035     |       |          |
| 012-L  | .021     | 022-L | .036     |       |          |

**B SHORT BLADES**

1/2" wide, 3" long.

| No.  | Wt. Lbs. | No. | Wt. Lbs. | No. | Wt. Lbs. |
|------|----------|-----|----------|-----|----------|
| 0015 | .001     | 010 | .005     | 019 | .009     |
| 002  | .001     | 011 | .005     | 020 | .010     |
| 003  | .002     | 012 | .005     | 022 | .011     |
| 004  | .002     | 013 | .006     | 025 | .012     |
| 005  | .003     | 014 | .006     | 030 | .013     |
| 006  | .003     | 015 | .007     | 032 | .015     |
| 007  | .004     | 016 | .008     | 035 | .016     |
| 008  | .004     | 017 | .008     | 040 | .017     |
| 009  | .004     | 018 | .009     |     |          |

**C STEP-CUT FEELER GAUGES**

"Go" and "no-go" gauges, with two different thicknesses on each blade, 1/2" wide, 3 1/4" long.

| No.    | Wt. Lbs. | No.    | Wt. Lbs. | No.    | Wt. Lbs. |
|--------|----------|--------|----------|--------|----------|
| 004/6  | .002     | 010/12 | .006     | 016/18 | .008     |
| 005/7  | .003     | 011/13 | .007     | 017/19 | .009     |
| 006/8  | .003     | 012/14 | .007     | 018/20 | .009     |
| 007/9  | .004     | 013/15 | .007     | 019/21 | .010     |
| 008/10 | .004     | 014/16 | .007     | 020/22 | .010     |
| 009/11 | .004     | 015/17 | .008     |        |          |

**D FEELER GAUGE HOLDER**

No. 000-C. For 3" or 3 1/4" feeler gauge blades. Holds all available sizes. Wt., .05 lb.

**E STANDARD FEELER GAUGE SET**

No. 000-A. Nine short blades—003, 004, 005, 006, 008, 010, 012, 015 and 018—in 000-C holder. Wt., .09 lb.

**MASTER FEELER GAUGE SET**

No. 000-AA. 25 short blades 0015 through 040 except 019 in 000-C holder. Wt., .19 lb.

**F STEP-CUT GAUGE SET**

No. 000-B. Four gauges—004/6, 006/8, 008/10 and 010/12—in 000-C holder. Wt., .06 lb.

**MASTER STEP-CUT SET**

No. 000-BB. Master set with eight gauges—004/6 through 011/13—in 000-C holder. Wt., .08 lb.

**G BENT GAUGE SET**

No. 000-M. Eleven 1/2" by 4 3/16" bent blades—.006", .008", .010", .011", .012", .013", .014", .015", .018", .019" and .020"—in holder and plastic pouch. Wt., .15 lb. (Blades not sold separately.)

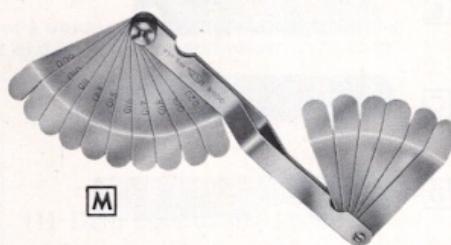
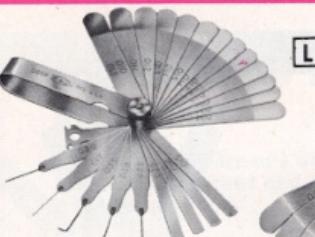
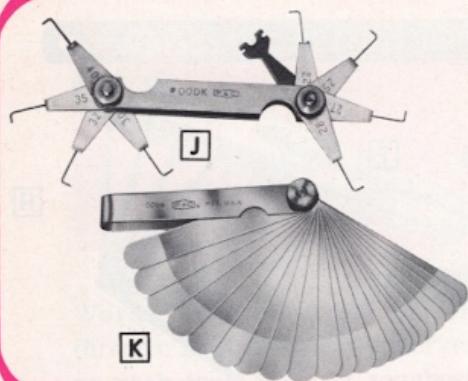
**H BRAKE GAUGE SET**

No. 000-E. Nine 3/16" wide by 4" long blades—.006", .008", .010", .012", .014", .016", .018", .020" and .025" thick—in holder. Wt., .04 lb. (Blades not sold separately.)

**I IGNITION GAUGE SET**

No. 000-D. Ten 3/16" wide by 1 1/2" long blades—.013", .015", .017", .018", .020", .025", .030", .032", .035", and .040" thick—in holder. Wt., .03 lb. (Blades not sold separately.)

Note: Tool numbers on individual gauges also indicate the gauge thickness in thousands of an inch.

**J SPARK PLUG GAUGE SET**

**No. 000-K.** For checking spark plug gaps, includes electrode bender. Eight bent-wire gauges—.022", .025", .027", .028", .030", .032", .035" and .040" thick—in holder. Wt., .06 lb. (Gauges not sold separately.)

**K MASTER FEELER GAUGE SET**

**No. 000-N.** Covers entire range from .004" to .027". Step ground to .002" tolerance. Includes 22 blades in holder—all those listed in "C" on previous page plus 021/23, 022/24, 023/25, 024/26, 025/27. Wt., .25 lbs.

**L FORD MASTER GAUGE SET**

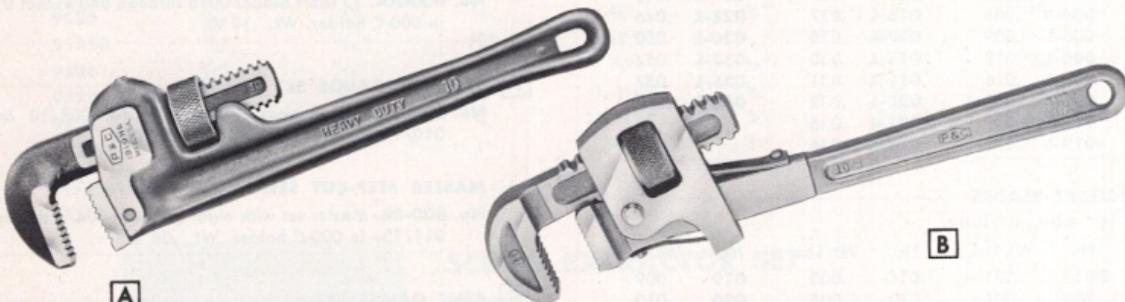
**No. 000-P.** Provides all sizes needed for Fords. Includes 13 step-ground go-no-go from .010/12" to .025/27" plus 4 step-ground ignition blades, three 90° offset spark plug blades and two straight wire blades for voltage regulator setting. Wt., .25 lbs.

**M OVERHEAD VALVE GAUGE SET**

**No. 000-R.** A universal set with blades offset at the right angle to protect mechanics hands. A total of 16 blades from .009" to .027". Each blade accurately ground and tempered. Wt., .20 lbs.



## PIPE WRENCHES



The test of a pipe wrench is the way it stands up under actual professional plumber usage. P&C Pipe Wrenches have met this test time and time again. The right design combined with the toughest of tempered steel is the reason. That's why P&C is the Plumber's Choice.

**A HEAVY-DUTY TYPE**

Heat-treated, precision milled teeth, replaceable jaw on wrench body recessed into frame to prevent shearing of pin under extreme loads; pipe sizes marked on forged hook jaw, I-beam handle of alloy ductile iron, and alloy steel jaws.

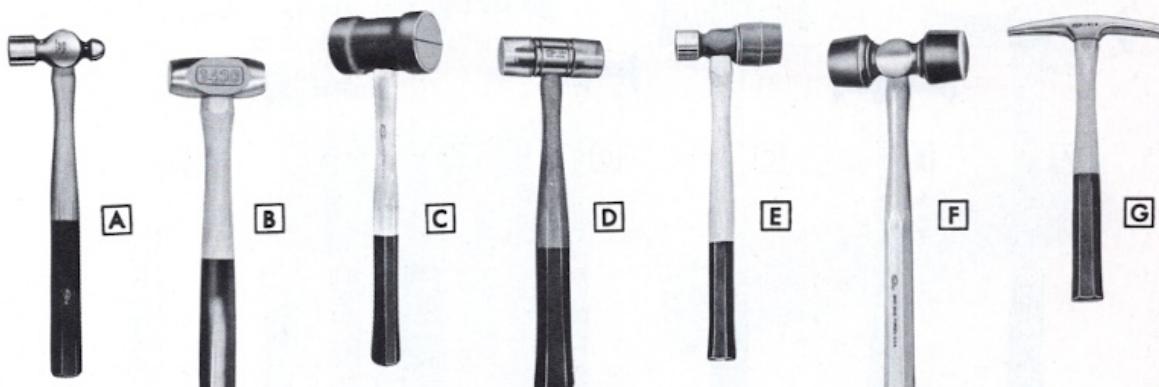
| No.     | Length | Maximum Pipe Size | Wt. Lbs. |
|---------|--------|-------------------|----------|
| 1806-HD | 6"     | 3/4"              | .45      |
| 1808-HD | 8"     | 1"                | .85      |
| 1810-HD | 10"    | 1 1/2"            | 1.80     |
| 1814-HD | 14"    | 2"                | 3.50     |
| 1818-HD | 18"    | 2 1/2"            | 5.80     |
| 1824-HD | 24"    | 3"                | 9.60     |

**B NORMAL DUTY STILLSON PATTERN**

Strength far exceeds Government normal-duty specifications. Forged and heat-treated special steel handle of panel I-beam type, strengthened strain points, an easy-turning knurl, and hard, tough jaw teeth that are deep-milled for positive grip.

| No.  | Length | Maximum Pipe Size | Wt. Lbs. |
|------|--------|-------------------|----------|
| 1806 | 6"     | 1/2"              | .32      |
| 1808 | 8"     | 3/4"              | .65      |
| 1810 | 10"    | 1"                | 1.38     |
| 1814 | 14"    | 1 1/2"            | 2.60     |
| 1818 | 18"    | 2"                | 4.10     |
| 1824 | 24"    | 2 1/2"            | 7.30     |

See Price List for Individual Replacement Parts.

**A BALL PEIN HAMMERS**

Distinctive octagon handle is easy to grip. Made of genuine hickory with white lacquer finish. Drop-forged head has major surfaces highly polished.

| No.  | Head Wt. | Length | Wt. Lbs. |
|------|----------|--------|----------|
| 8604 | 4 oz.    | 11½"   | .45      |
| 8608 | 8 oz.    | 12½"   | .70      |
| 8612 | 12 oz.   | 13½"   | 1.10     |
| 8616 | 1 lb.    | 14"    | 1.40     |
| 8624 | 1½ lbs.  | 15"    | 2.00     |
| 8632 | 2 lbs.   | 16"    | 2.50     |

**B BRASS HAMMER**

This is a 1½-lb. head, all-purpose non-marring hammer for bushings, gears, transmission work, etc. Tapered head for good clearance also minimizes mushrooming.

| No.  | Wt. Lbs. |
|------|----------|
| 1430 | 1.84     |

**C RUBBER MALLET**

Head of soft but tough, non-flaking neoprene. Just the thing to use in garages, service stations, cabinet shops and the like. Head has hour-glass design with 2½" faces.

| No.  | Wt. Lbs. |
|------|----------|
| 1368 | 1.46     |

**D PLASTIC-TIP HAMMER**

Tips are of tough amber plastic. Easily replaceable. Well balanced for less fatigue in use. Tips are 1-5/16" diameter.

| No.  | Wt. Lbs. |
|------|----------|
| 1383 | .76      |

**BODY AND FENDER FILES****ADJUSTABLE FILE HOLDER**

Made of aluminum, this fender file holder is light but strong. Simple adjustment makes file convex, concave or flat. For use with P&C 1501 File. File not included.

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 1509 | 16"    | 1.86     |

**E TWO-WAY HAMMER**

Forged steel head and replaceable rubber head. Ideal for mounting tires, drawing rivets and many other jobs. No. 1448-B spare rubber head available.

| No.                             | Wt. Lbs. |
|---------------------------------|----------|
| 1448                            | 2.60     |
| 1448-B (Replacement rubber tip) |          |

**F RUBBER-TIP MALLET**

A forged steel head mallet with replaceable rubber tips. For use where a metal hammer would cause damage. Ideal for heavy tire work on autos, trucks and tractors. Two-inch rubber tips and selected hickory handle. Replacement tips available.

| No.                             | Wt. Lbs. |
|---------------------------------|----------|
| 8954                            | 1.50     |
| 8954-B (Replacement rubber tip) |          |

**G UPHOLSTERER'S HAMMER**

Magnetic type. Has long reach and convenient head radii coordinated with natural swing. A truly quality hammer designed and built for the professional upholsterer.

| No.  | Wt. Lbs. |
|------|----------|
| 1419 | .57      |

**REPLACEMENT HANDLES FOR HAMMERS**

Shaped for an exact fit. Made of the best grade fine grain hickory.

| For Hammer<br>No. | Use Handle<br>No. | For Hammer<br>No. | Use Handle<br>No. |
|-------------------|-------------------|-------------------|-------------------|
| 1368              | 1368-H            | 8612              | 8612-H            |
| 1430              | 1430-H            | 8616              | 8616-H            |
| 1448              | 1448-H            | 8624              | 8624-H            |
| 8604              | 8604-H            | 8632              | 8632-H            |
| 8608              | 8608-H            |                   |                   |

**FLEXIBLE FLAT STRAIGHT FILE**

Fast cutting type for all kinds of body, fender and sheet metal work. Has curved teeth on both sides, seven teeth to inch. Use with P&C 1509 Holder.

| No.  | Length | Width | Wt. Lbs. |
|------|--------|-------|----------|
| 1501 | 14"    | 1½"   | .70      |



You will find P&C Hammers in the finest shops. They are forged from the finest special steels and designed to get the repair job done in the most workmanlike manner. Head and handle are balanced for fatigueless use. Tough hickory handles are firmly fixed.

**A DINGING HAMMER**

Has large face for roughing the bad ones into shape for finishing. Has slightly crowned 1 $\frac{1}{4}$ " and 1 $\frac{5}{8}$ " diameter round faces. Head is 6" long.

| No.  | Wt. Lbs. |
|------|----------|
| 1421 | 1.00     |

**B FINISHING HAMMER**

Light in weight and perfectly balanced. Has slightly crowned 1 $\frac{1}{4}$ " diameter round face and a 1-1/16" square face.

| No.  | Wt. Lbs. |
|------|----------|
| 1424 | .64      |

**C FINISHING HAMMER**

Heavier than 1424. Has slightly crowned 1 $\frac{1}{2}$ " diameter round face, and a 1 $\frac{1}{8}$ " square face.

| No.  | Wt. Lbs. |
|------|----------|
| 1425 | .90      |

**BODY AND FENDER DOLIES**
**A**
**B**
**C**


All are engineered to give usable surfaces and angles. Forged from alloy steel and scientifically hardened and tempered. Have highly polished work surfaces.


**F**

**A BEAD DOLLY.** No. 1455. Overall size 1 $\frac{7}{8}$ " x 2 $\frac{29}{32}$ " x 4 $\frac{7}{16}$ ". Wt. 2.40 lbs.

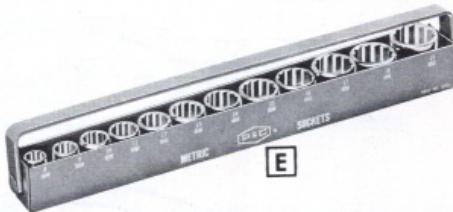
**B EGG-SHAPED DOLLY.** No. 1452. Overall size 1 $\frac{1}{8}$ " x 2 $\frac{1}{2}$ " x 3 $\frac{3}{4}$ ". Wt. 3.10 lbs.

**C RADIUS DOLLY.** No. 1454. Overall size 1 $\frac{1}{2}$ " x 2 $\frac{3}{16}$ " x 4 $\frac{1}{2}$ ". Wt. 2.90 lbs.

**D RAILROAD OR GENERAL PURPOSE DOLLY.** No. 1453. Overall size 2 $\frac{3}{8}$ " x 2 $\frac{3}{4}$ " x 2 $\frac{3}{16}$ ". Wt. 2.90 lbs.

**E SEMI-ELLIPTICAL HEEL DOLLY.** No. 1458. Overall size 1 $\frac{3}{16}$ " x 2 $\frac{3}{8}$ " x 3 $\frac{1}{4}$ ". Wt. 2.20 lbs.

**F SHRINKING DOLLY.** No. 1457. Overall size 1 $\frac{1}{4}$ " x 3 $\frac{1}{16}$ " x 3 $\frac{3}{16}$ ". Wt. 2.20 lbs.

**A****B****D****C****E**

For use on cars, equipment and machinery made in Germany, France, Italy and other countries using the metric measuring system. All are hot forged from special alloy steel and designed for maximum ease in use. Sizes plainly marked to speed selection. Chrome finish for long lasting rust resistance.

**A METRIC SIZE COMBINATION WRENCHES**

| No.    | Opening Size<br>In Millimeters | Length,<br>Inches | Wt. Lbs. |
|--------|--------------------------------|-------------------|----------|
| 2710-M | 10                             | 4½"               | .06      |
| 2711-M | 11                             | 5¼"               | .10      |
| 2712-M | 12                             | 5½"               | .10      |
| 2713-M | 13                             | 6"                | .14      |
| 2714-M | 14                             | 6¾"               | .20      |
| 2715-M | 15                             | 7½"               | .27      |
| 2716-M | 16                             | 7½"               | .27      |
| 2717-M | 17                             | 8¼"               | .34      |
| 2718-M | 18                             | 8¼"               | .34      |
| 2719-M | 19                             | 9¼"               | .45      |
| 2720-M | 20                             | 10¼"              | .55      |
| 2722-M | 22                             | 11¼"              | .65      |

**B METRIC SIZE SOCKETS**
*3/8" SQUARE DRIVE*

All are 12 pt to fit and turn nuts in smaller space.

| No.    | Opening Size<br>In Millimeters | Length,<br>Inches | Wt. Lbs. |
|--------|--------------------------------|-------------------|----------|
| 3008-M | 8                              | 1"                | .04      |
| 3009-M | 9                              | 1"                | .04      |
| 3010-M | 10                             | 1"                | .04      |
| 3011-M | 11                             | 1"                | .04      |
| 3012-M | 12                             | 1"                | .05      |
| 3013-M | 13                             | 1"                | .07      |
| 3014-M | 14                             | 1"                | .07      |
| 3015-M | 15                             | 1"                | .07      |
| 3016-M | 16                             | 1"                | .10      |
| 3017-M | 17                             | 1½"               | .10      |
| 3018-M | 18                             | 1½"               | .13      |
| 3019-M | 19                             | 1½"               | .17      |

**C METRIC SIZE OPEN END WRENCHES**

This combination of ten wrenches gives complete flexibility between 6 and 26 millimeters.

| No.   | Opening Size<br>In Millimeters | Length,<br>Inches | Wt. Lbs. |
|-------|--------------------------------|-------------------|----------|
| 30607 | 6 x 7                          | 4½"               | .04      |
| 30809 | 8 x 9                          | 4¾"               | .06      |
| 31011 | 10 x 11                        | 5¼"               | .07      |
| 31213 | 12 x 13                        | 5¾"               | .12      |
| 31415 | 14 x 15                        | 6¾"               | .23      |
| 31617 | 16 x 17                        | 8¼"               | .30      |
| 31819 | 18 x 19                        | 8¾"               | .38      |
| 32022 | 20 x 22                        | 10"               | .60      |
| 32123 | 21 x 23                        | 10½"              | .56      |
| 32426 | 24 x 26                        | 11½"              | .78      |

**D METRIC COMBINATION WRENCH SET**
**Set No. 2700-M**

Contains one each of the following opening sizes:

11, 12, 13, 14, 16, 17, 19 millimeters.

See listing in first column for overall length and wrench numbers. Vinyl Kit only . . . Part No. 2429. Weight of Combination Set 1.8 lbs.

**E METRIC SOCKET SET**
**Set No. 3000-M**

This set includes one each of all the  $\frac{3}{8}$ " drive, 12-point sockets listed. They are combined in a handy tray with a spill-proof locking band.

Tray only, Part No. 5293. Weight of Set, 1.40 lbs.

**BRITISH STANDARD MEASURE**

Special sizes in wrenches and sockets designed to give the right fit to bolts and nuts on cars, appliances, machinery and motorbikes built in England.

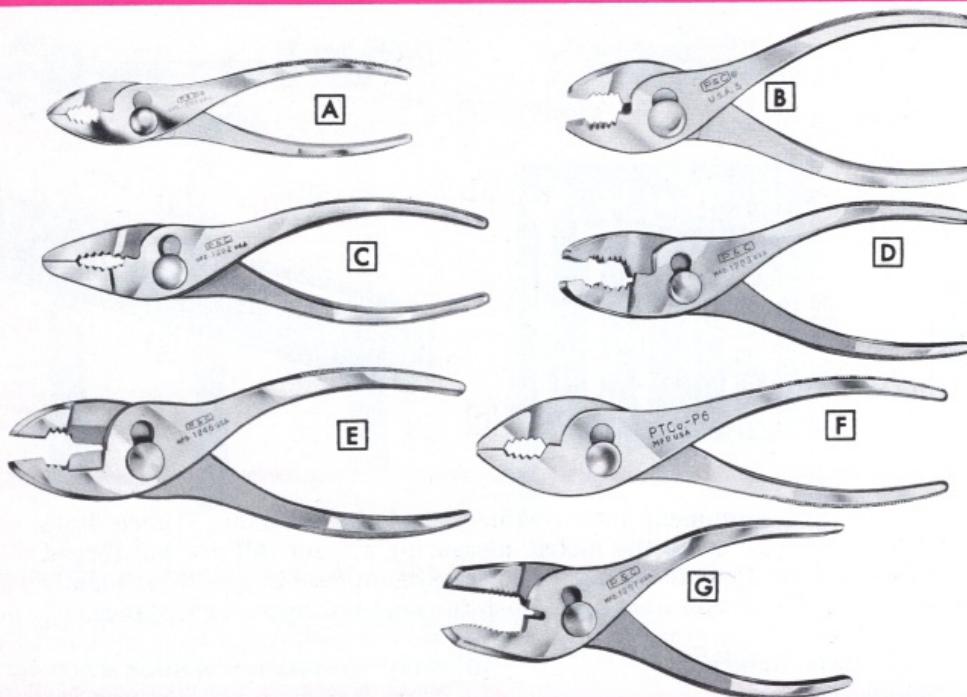
**BRITISH STANDARD COMBINATION WRENCHES**

| No.     | British Standard Size Bolt | Obsolete Whitworth Size | Opening Size | Total Length     | Wt. Lbs. |
|---------|----------------------------|-------------------------|--------------|------------------|----------|
| 1206-BS | $\frac{3}{16}$             | $\frac{1}{8}$           | .338"        | 4"               | .13      |
| 1208-BS | $\frac{1}{4}$              | $\frac{3}{16}$          | .445"        | 5 $\frac{1}{4}"$ | .18      |
| 1210-BS | $\frac{5}{16}$             | $\frac{1}{4}$           | .525"        | 6"               | .25      |
| 1212-BS | $\frac{3}{8}$              | $\frac{5}{16}$          | .600"        | 7 $\frac{1}{2}"$ | .32      |

**BRITISH STANDARD SOCKETS**

The drive end fits standard U.S.  $\frac{3}{8}$ " ratchets, attachments and drivers. 12-point design.

| No.     | British Standard Size Bolt | Obsolete Whitworth Size | Socket Size | Total Length      | Wt. Lbs. |
|---------|----------------------------|-------------------------|-------------|-------------------|----------|
| 5206-BS | $\frac{3}{16}$             | $\frac{1}{8}$           | .338"       | 1 $\frac{1}{4}"$  | .04      |
| 5208-BS | $\frac{1}{4}$              | $\frac{3}{16}$          | .445"       | 1 $\frac{1}{16}"$ | .06      |
| 5210-BS | $\frac{5}{16}$             | $\frac{1}{4}$           | .525"       | 1 $\frac{1}{16}"$ | .07      |
| 5212-BS | $\frac{3}{8}$              | $\frac{5}{16}$          | .600"       | 1 $\frac{1}{16}"$ | .11      |



You will find no finer pliers than those with the P&C label. Behind each pair stands years of engineering experience in design and painstaking care in manufacturing. Only the finest special alloy steels are used. Hot forging and tempering assures lasting toughness. Joints work smoothly without sloppiness. Teeth are sharp and induction hardened to stay that way.

#### A REGULAR SLIP JOINT PLIERS

General utility pliers. Leaders in design and service. Have two jaw-opening adjustments and a shear-type wire cutter. Four sizes. Chrome plate.

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 1275 | 5"     | .26      |
| 1276 | 6"     | .36      |
| 1278 | 8"     | .50      |
| 1280 | 10"    | .88      |

#### B U.S.A.® ECONOMY PLIERS

Same as regular Slip Joint Pliers except have all-over sand finish.

| No.    | Length | Wt. Lbs. |
|--------|--------|----------|
| USA-5  | 5"     | .26      |
| USA-6  | 6"     | .36      |
| USA-8  | 8"     | .50      |
| USA-10 | 10"    | .88      |

#### C THIN JAW SLIP JOINT PLIERS

Designed with a slim nose to reach into tight places. Has two jaw-opening adjustments and shear-type wire cutter. Chromed.

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 1201 | 5"     | .25      |
| 1202 | 6"     | .35      |

#### D BENT NOSE THIN JAW SLIP JOINT PLIERS

Thin jaws offset 30° makes handy nail or staple puller. Fits into places hard to reach.

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 1203 | 7"     | .43      |

#### E COMBINATION SLIP JOINT CUTTING PLIERS

All the features of slip joint pliers plus durable, induction hardened side cutter.

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 1246 | 6"     | .49      |

#### F PTCO COMBINATION PLIERS

For the economy minded looking for a rugged plier. Made from special analysis steel with precision broached jaws. The bolt is heat treated, nickel plated and carefully fitted to give smooth performance.

| No. | Length | Wt. Lbs. |
|-----|--------|----------|
| P6  | 6"     | .50      |
| P8  | 8"     | .50      |

#### G HEAVY DUTY UNIVERSAL PLIERS

One jaw curved to grip round or irregular objects, other jaw straight with groove for gripping wire, pins or nails. Deep groove wire cutter.

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 1257 | 7"     | .58      |



"MULTI-PLIER"

Patented, three-piece compound-leverage design multiplies applied pressure ten times! Non-slip jaws open to 1 1/4". Unique diagonal four-position slip joint gives easy jaw adjustment, reduces wedge action and wear. Alloy Steel. Chromed.

| No.   | Length | Wt. Lbs. |
|-------|--------|----------|
| 1234* | 7 3/4" | .62      |

\*U.S. Patent No. 2,600,512

**A PLUMBER'S SPECIAL PLIERS**

Comes with either no-mar smooth jaw for use on plated plumbing fixtures or milled pipe jaws. Opens to 2½". Microgroove adjustment permits parallel alignment of jaws.

| No.                | Length | Wt. Lbs. |
|--------------------|--------|----------|
| 1248S (Smooth jaw) | 11¼"   | .92      |
| 1248P (Pipe jaw)   | 11¼"   | .97      |

**B POWER TRACK PLIERS**

A curved tongue-and-groove joint holds jaws securely in any desired position and takes strain off bolt. Five grooves provide wide opening range for handling hundreds of jobs.

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 1242 | 7½"    | .45      |
| 1243 | 10"    | .75      |

**C POWER TRACK IGNITION PLIERS**

Enable you to get more leverage and a bigger grip for important ignition jobs. Made with care to work smoothly and adjust easily.

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 1231 | 4½"    | .08      |

**D PARROT NOSE WRENCH PLIERS**

Combination plier and pipe wrench, with 75° offset nose. Noted for grip. Ideal for pipe and tubing.

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 1236 | 6¼"    | .42      |
| 1238 | 7¼"    | .59      |

**E GENERAL UTILITY PLIERS**

Commonly known as Water Pump Pliers. All-purpose, with five jaw-opening adjustments. Teeth are shaped as in a pipe wrench, insuring positive grip on round objects. Plenty of leverage.

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 1240 | 9"     | .58      |
| 1241 | 9½"    | .58      |

**F SELF-ENERGIZING GEAR-LOCK PLIERS**

In this revolutionary pliers bolt slides into slanting gear-type slots. As handles are squeezed, bolt locks in chosen slot and jaw pressure increases. Design eliminates slipping, prevents binding, and permits smooth, visible adjustments in five slots.

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 1245 | 9½"    | .75      |

**G WRENCH PLIERS**

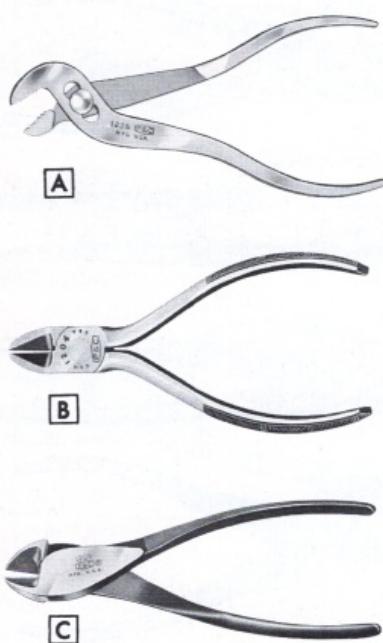
Long, slim 20° offset nose and three jaw-opening adjustments. Jaws hold objects in front of center, giving a powerful gripping action.

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 1239 | 8"     | .54      |

**H GIANT POWER TRACK PLIERS**

Gives you a giant grip for really big jobs. Opens to 4¼" with full 2" jaws and sharply broached teeth. Can be set to eleven different positions. Plastisol handles for easy grip.

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 1244 | 17"    | 3.00     |

**A MIDGET SLIP JOINT PLIERS**

Light and convenient to use. Designed for ignition work or other jobs requiring narrow jaws. Has three jaw opening adjustments.

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 1235 | 4½"    | .07      |

**B DIAGONAL CUTTING PLIERS**

Thin, narrow jaws work easily in congested places. Useful for switchboard, telephone, ignition, electronic and electrical work. Induction-hardened cutting edges. High quality alloy steel.

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 1204 | 4½"    | .20      |
| 1205 | 5"     | .21      |
| 1206 | 6"     | .37      |
| 1207 | 7½"    | .54      |

**C HEAVY DUTY DIAGONAL CUTTING PLIERS**

Tremendous leverage from short, powerful jaws set very close to solidly riveted joint. Perfect alignment, leverage, and balance for difficult cutting jobs. Work easily.

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 1209 | 7"     | .49      |

**D LINEMAN'S SIDE CUTTING PLIERS**

For utility linemen's work, wiring and electrical equipment installation and maintenance. Carefully matched induction-hardened cutting edges. High quality alloy steel. Smooth working.

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 1266 | 6½"    | .43      |
| 1268 | 8½"    | .81      |

**E 9" HIGH LEVERAGE LINEMAN'S PLIERS****New England Style**

You get up to 50% more leverage than with standard 8-inch pliers because the rivet is closer to the cutting edges. Ideal for cutting No. 8 and other large wire.

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 1269 | 9"     | 1.10     |

**F END CUTTING NIPPER**

Take a sharp, clean cut close to the surface on wires, bolts, rivets. Powerful leverage.

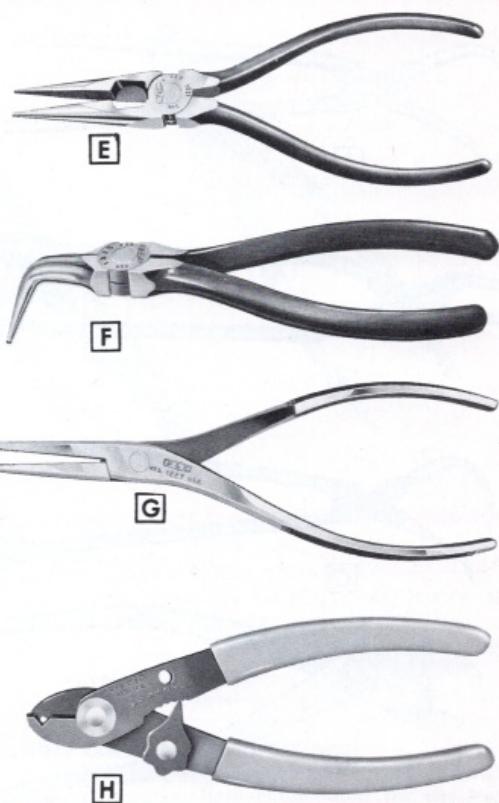
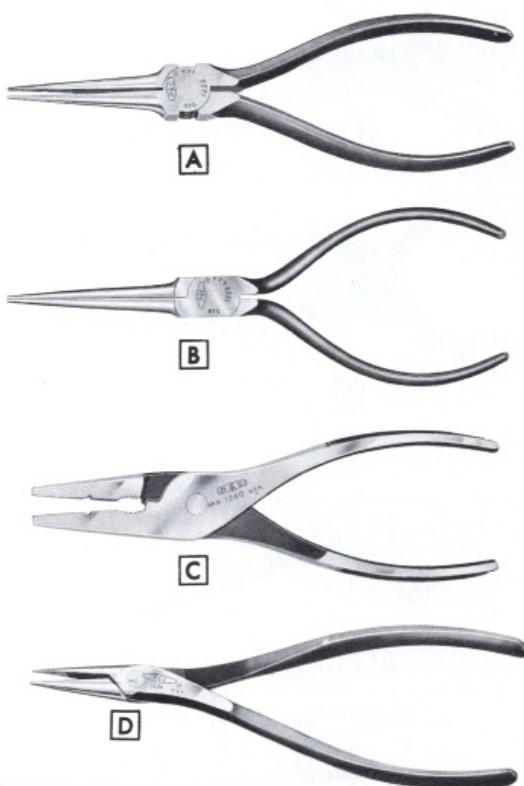
| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 1272 | 7"     | .60      |

**"HANDEZE PLASTIC GRIPS"**

Resilient P&C blue plastic tubes slip over plier handles easily to give better, more comfortable grip. Fit tight, stay on permanently. Long wearing, rugged, finest quality plastic. Unaffected by oil and grease. Resist tear and damage. The three sizes available fit practically all pliers.

| No.    | Size   | Length |
|--------|--------|--------|
| 1200-S | Small  | 3"     |
| 1200-M | Medium | 4"     |
| 1200-L | Large  | 5"     |

P&C Tools — the BEST money can buy.



Electronics workers, electricians, aircraft mechanics and all those craftsmen working in confined places and with small parts appreciate the usefulness of P&C needle nose pliers and associated tools. Every one has been designed by a skilled engineer and manufactured to the highest standards in the industry. Joints work smoothly, cutters cut cleanly, jaws stay parallel and take a tight grip.

**A NEEDLE NOSE PLIERS**

Has very thin nose for getting into places with restricted clearance. A standard item for all electrical and electronics work. Hand-fitting handles.

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 1222 | 6 3/4" | .28      |

**E NEEDLE NOSE**

Ideal combination for electronic, telephone and other electrical work. A good long-reach plier for many types of jobs. High quality alloy.

| No.  | Type                | Length | Wt. Lbs. |
|------|---------------------|--------|----------|
| 1220 | without side cutter | 6 1/2" | .30      |
| 1226 | with side cutter    | 6 3/4" | .28      |

**B LONG, THIN NEEDLE NOSE PLIERS**

For precision work in confined places. Nose diameter is 3/32". Made of high quality alloy steel. Ideal for electronic work.

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 1223 | 6"     | .13      |

**F CURVED, THIN NEEDLE NOSE PLIERS**

Same as No. 1222 plier, except nose is bent at 79° angle. Handy for reaching around objects.

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 1225 | 6"     | .28      |

**C LONG, THIN NOSE TELEPHONE PLIERS**

Excellent for manipulating wire and wiring. Heavy, flush riveted joint and shear-type wire cutter.

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 1260 | 6"     | .25      |

**G DUCK BILL PLIERS**

Tapered jaws 1 1/2" and long handles give powerful leverage. Deeply milled oil tempered teeth give extra grip. Solid riveted joint. A well balanced tool.

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 1227 | 7 3/4" | .37      |

**D LONG REACH NEEDLE NOSE PLIERS**

For drawing and looping wire, forming terminals, working in close quarters, and reaching way back into assemblies. Diamond knurled jaws.

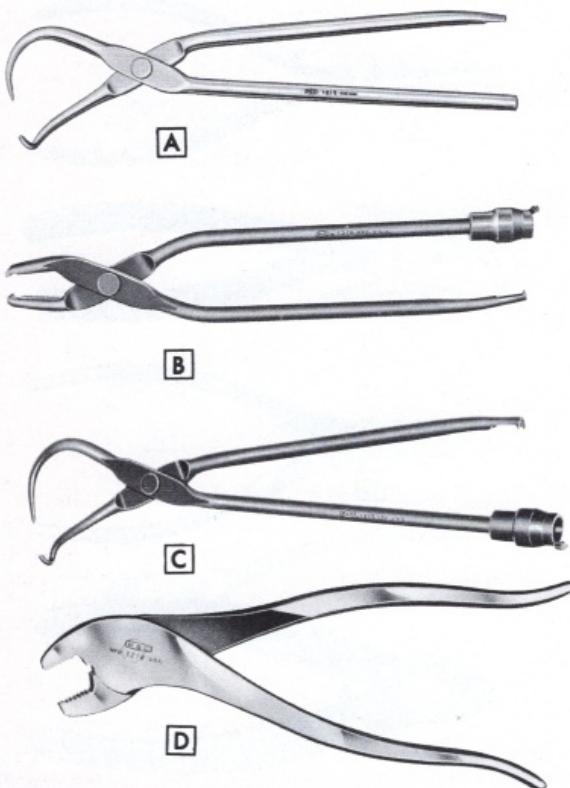
| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 1228 | 7 3/4" | .36      |

**H WIRE STRIPPER**

With adjustable stop to cut the insulation and not the wire. Ideal for fast work. "Handeze" handles for more comfort in use.

| No.   | Length | Wt. Lbs. |
|-------|--------|----------|
| 1299* | 5"     | .10      |

\*U.S. Patent No. 2,868,049

**A BRAKE SPRING PLIERS**

Curved jaw clears edge of brake shoe for close adjustment with center line of spring. Thin hooked jaw slips easily under spring.

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 1215 | 12½"   | .61      |

**B BRAKE PLIERS — BENDIX**

Three tools in one! Speeds and simplifies Bendix brake repairs. Special jaws remove hold-down cups. Replaceable Bendix Socket on one handle fits over anchor pin and lug lifts off anchor springs. Other handle end has shovel for replacing anchor pin springs. Tough, high quality alloy.

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 1216 | 11"    | .62      |

**C BRAKE PLIERS — ALL-PURPOSE**

Combines jaws of No. 1215 Brake Spring Plier and handle end features of No. 1216 Bendix Brake Plier.

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 1217 | 12½"   | .78      |

**D BATTERY PLIERS — ANGLE NOSE**

Battery terminal nuts manipulate easily with these thin, 30° offset jaws and long, hand-fitting handles. Jaws give maximum grip regardless of nut condition. Riveted joint for extra strength.

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 1218 | 8"     | .49      |

**E BATTERY PLIER — SLIP JOINT**

Has 30° angle jaws to turn battery terminal nuts more easily. Slip joint handles wide variety of sizes. Handles shaped for positive grip.

| No.   | Length | Wt. Lbs. |
|-------|--------|----------|
| 1218A | 8"     | .42      |

**F GREASE AND HUB CAP TOOL**

All the tools in one to remove hub and grease caps. Also includes a built-in hammer to replace those items. Made of tough alloy steel. Solid rivet joint keeps jaws in positive alignment for many years of use. Black oxide finish prevents rust.

| No.  | Size | Wt. Lbs. |
|------|------|----------|
| 6563 | 11"  | 1.00     |

**G LOCK RING AND "HORSESHOE" WASHER PLIERS**

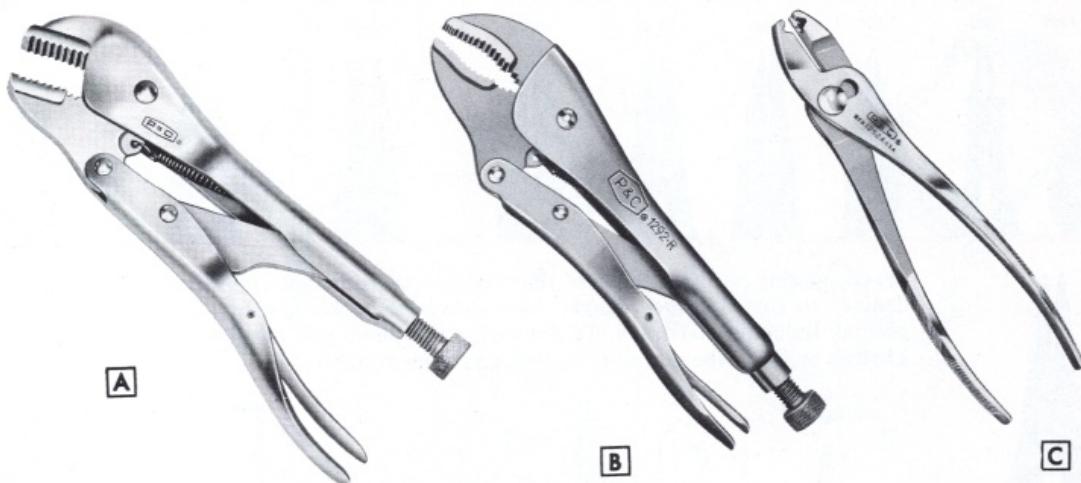
A money-saving dual-purpose plier, for spreading both soft iron "horseshoe" lock washers used on brakes and tempered steel lock rings used on shafting to locate bearings, gears, etc.

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 1250 | 8½"    | .40      |

**H LOCK RING PLIERS — PARALLEL JAW**

Powerful compound leverage simplifies removal of lock or snap rings used on shafts to retain bearings. Jaw tip indentations hold two ends of ring, prevents breakage. Outside Jaw Spread 1¼". Chromed finish to prevent rust.

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 1251 | 9½"    | .54      |

**A LEVER WRENCH PLIERS**

Probably the most powerful pliers you will find anywhere. Lever action locks the jaws in a holding position with a pressure up to one ton. Can be used as a hand vise, holding clamp or a pipe wrench in addition to a pliers with a grip like a vise. Made of the finest materials and sold with a guaranteed satisfaction warranty.

| No.    | Type                                    | Length | Wt. Lbs. |
|--------|---|--------|----------|
| 1291-R | As illustrated with quick release lever | 8"     | 1        |
| 1291   | Same as 1291-R without quick release    | 8"     | 1        |

**B CURVED JAWS — QUICK RELEASE**

Same as No. 1291-R except has curved jaw to take positive grip on pipe. Has quick release lever.

| No.    | Type                     | Length | Wt. Lbs. |
|--------|--------------------------|--------|----------|
| 1292-R | Curved jaw—quick release | 9"     | 1.12     |

**C HOSE CLAMP PLIERS — CORBIN**

For installation and repair of Corbin spring tension clamps, used on hose connections for car water pumps and heaters, and other appliances. Two gripping positions engage ears, prevent hazard of clamp flying out of the plier. Chrome plate.

| No.    | Length | Wt. Lbs. |
|--------|--------|----------|
| 1252-A | 7 3/4" | .50      |

**MIDGET PLIERS**

Anyone who has to work in confined places or work with small objects will find P&C Midget Pliers just the ticket. Electronics technicians, hobbyists, electrical equipment workers, aviation mechanics and the like appreciate the smooth operation, balance and hand-fit of these precision tools. Each is designed to do a big job in spite of their petite size. Only the finest of special alloy steels are used. Joints work with ease and cutters are induction-hardened to hold their edge. Together these pliers make a useful matched set.

**MIDGET PLIERS**

| No.  | Type                | Length | Wt. Lbs. |
|------|---------------------|--------|----------|
| 1281 | Straight Nose Plier | 4 1/2" | .09      |
| 1282 | Chain Nose Plier    | 4 3/4" | .10      |
| 1283 | Round Nose Plier    | 4 1/2" | .10      |

| No.  | Type                   | Length | Wt. Lbs. |
|------|------------------------|--------|----------|
| 1284 | End Cutting Nipper     | 4"     | .10      |
| 1285 | Diagonal Cutting Plier | 4"     | .08      |
| 1286 | Flat Nose Plier        | 4 3/4" | .09      |

1385 and 1399

1388

1389

1390

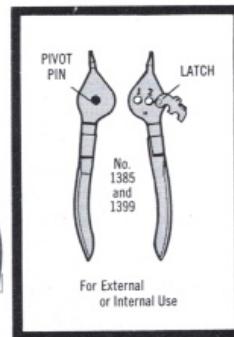
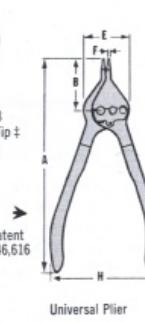
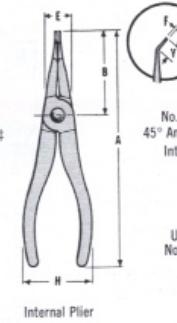
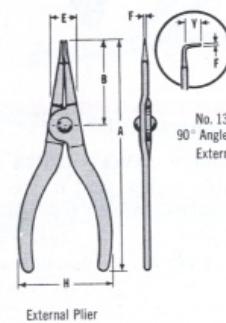
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1392

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1397

1398



To obtain the right plier, simply measure the diameter of the shaft or bore where the ring is found, and refer to this table.

| SHAFT DIAM.<br>RANGE                   | BORE DIAM.<br>RANGE | PLIER<br>NO. | A<br>(TOL.)                           | B<br>(TOL.)                            | E ●<br>(TOL.)                         | F<br>(TOL.)                            | H ●<br>(TOL.)                         | WEIGHT<br>LBS. |
|--|---------------------|--------------|---------------------------------------|--|---------------------------------------|--|---------------------------------------|----------------|
| 0 - $\frac{3}{16}$ "                   | EXTERNAL            | 1388†        | 5 $\frac{1}{4}$ "                     | 1 $\frac{1}{8}$ " ± $\frac{1}{16}$ "   | 1/2" ± $\frac{1}{16}$ "               | .023 ± .003                            | 1 $\frac{5}{8}$ " ± $\frac{1}{16}$ "  | .0383          |
| $\frac{1}{4}$ " - $\frac{7}{8}$ "      |                     | 1391         | 5 $\frac{1}{16}$ "                    | 2 $\frac{1}{8}$ "                      | 7/8"                                  | .038                                   | 2 $\frac{5}{16}$ "                    | .1515          |
| $\frac{15}{16}$ " - 1 $\frac{1}{8}$ "  |                     | 1393         | 6 $\frac{1}{16}$ " ± $\frac{1}{16}$ " | 2 $\frac{3}{8}$ " ± $\frac{1}{16}$ "   | 7/8" ± $\frac{1}{16}$ "               | .070 + .002                            | 2 $\frac{5}{8}$ " ± $\frac{1}{16}$ "  | .2002          |
| $\frac{1}{4}$ " - $\frac{7}{8}$ "      |                     | 1397*        | 5 $\frac{1}{16}$ "                    | 2 $\frac{3}{16}$ "                     | 7/8"                                  | .038                                   | 2 $\frac{5}{16}$ "                    | .1562          |
| $\frac{3}{8}$ " - 1"                   | INTERNAL            | 1389         | 5 $\frac{1}{16}$ "                    | 1 $\frac{1}{8}$ "                      | 1 $\frac{1}{16}$ "                    | .038 + .002                            | 1 $\frac{1}{16}$ " ± .005             | .120           |
| $\frac{1}{4}$ " - $\frac{5}{16}$ "     |                     | 1390         | 5 $\frac{1}{16}$ " ± $\frac{1}{16}$ " | 1 $\frac{1}{8}$ " ± $\frac{1}{16}$ "   | 1 $\frac{1}{16}$ " ± $\frac{1}{16}$ " | .022 + .002                            | 1 $\frac{1}{16}$ " ± .003             | .1405          |
| 1 $\frac{1}{16}$ " - 2"                |                     | 1392         | 6 $\frac{1}{16}$ "                    | 2 $\frac{1}{8}$ "                      | 7/8"                                  | .070 + .002                            | 2"                                    | .1962          |
| $\frac{3}{8}$ " - 1"                   |                     | 1398**       | 5 $\frac{1}{4}$ " ± $\frac{1}{16}$ "  | 1 $\frac{23}{32}$ " ± $\frac{1}{16}$ " | 1 $\frac{1}{16}$ " ± $\frac{1}{16}$ " | .038 + .002                            | 1 $\frac{1}{16}$ " ± .005             | .1405          |
| $\frac{15}{16}$ " - 1 $\frac{1}{16}$ " | UNIV.               | 1385         | 7 $\frac{7}{8}$ "                     | ± $\frac{1}{4}$ "                      | 1 $\frac{7}{8}$ " ± $\frac{1}{16}$ "  | 1 $\frac{11}{16}$ " ± $\frac{1}{16}$ " | 3 $\frac{1}{16}$ " ± $\frac{1}{16}$ " | .344           |
| $\frac{1}{4}$ " - $\frac{7}{8}$ "      |                     | 1399         | 5 $\frac{5}{8}$ "                     | ± $\frac{1}{4}$ "                      | 1 $\frac{1}{16}$ " ± $\frac{1}{16}$ " | 1 $\frac{1}{8}$ " ± $\frac{1}{16}$ "   | 1 $\frac{3}{4}$ " ± $\frac{1}{16}$ "  | .17            |

†U.S. Patent No. 2,901,817. ‡—max.  $\frac{5}{16}$ , min. 1/4. \*+90° Angle Tip. \*\*+45° Angle Tip.

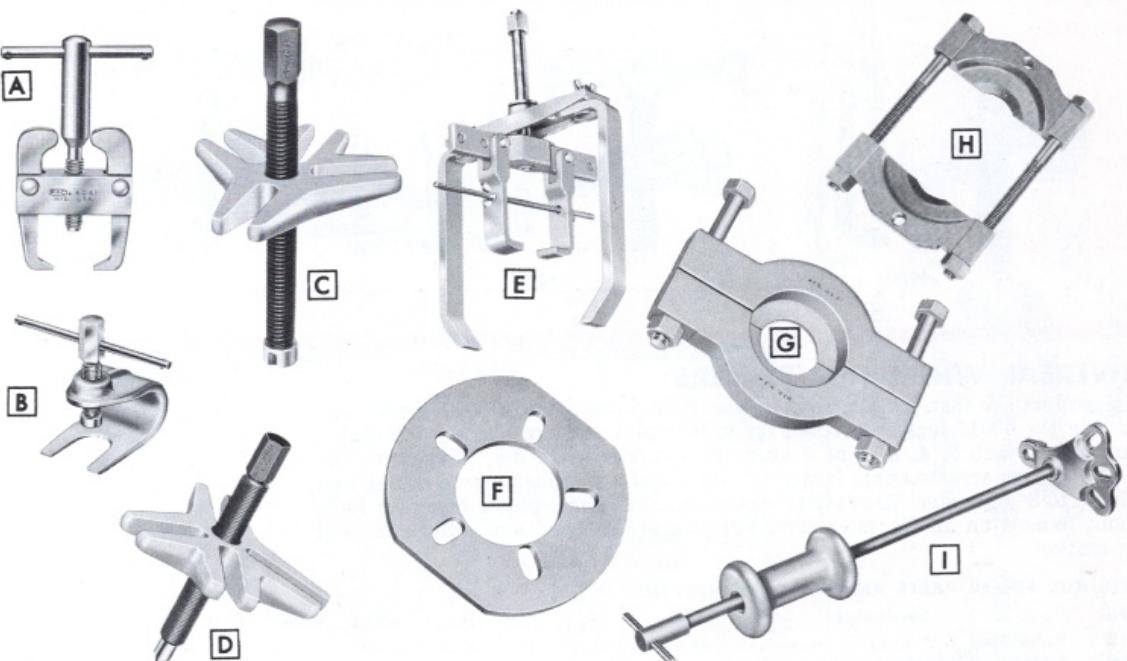
● For Universal Plier, dimensions are for: External Position — Internal Position.

If Truarc ring numbers are known, the right plier may be ordered by referring to this table.  
EXAMPLE: For External rings 5100-18 thru 5100-23, the correct plier is No. 1388.

| TRUARC<br>RING<br>TYPES | EXTERNAL       |                |                | INTERNAL       |                |                |                 |                 |                 |                |
|-------------------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|-----------------|-----------------|----------------|
|                         | SERIES<br>5100 | SERIES<br>5101 | SERIES<br>5102 | SERIES<br>5000 | SERIES<br>5001 | SERIES<br>5002 | SERIES<br>N5000 | SERIES<br>N5001 | SERIES<br>N5002 | SERIES<br>5008 |
| Series<br>Dash No.      | -18<br>-23     | -25<br>-87     | -93<br>-143    | -50<br>-100    | -106<br>-200   | -100<br>-102   | -106<br>-175    | -25<br>-31      | -37<br>-93      | -156<br>-175   |
| Pliers<br>No.           | 1388           | 1391           | 1393           | 1391           | 1393           | 1389           | 1392            | 1390            | 1389            | 1392           |
|                         | 1397           | 1385           | 1399           | 1397           | 1385           | 1398           | 1385            | 1398            | 1385            | 1398           |
|                         | 1399           | 1399           |                | 1399           |                | 1399           |                 | 1399            |                 | 1399           |

Note: Series Dash Numbers are in hundredths of inches. Thus, 5100-25 identifies External Ring Series 5100 for a shaft of approximately 0.25" O.D.

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**A BATTERY TERMINAL PULLER**

Conventional Type

This puller can also be used for removing small bearings. Has quick, positive action.

| No.  | Wt. Lbs. |
|------|----------|
| 4041 | .65      |

**B BATTERY TERMINAL PULLER . . . Special**

Unique design does the job faster. This tool is also more economical than the conventional. Even the most stubborn terminals come loose without harm to the battery.

| No.  | Wt. Lbs. |
|------|----------|
| 4042 | .44      |

**C STEERING WHEEL PULLER**

Removes drilled and tapped steering wheels, and ideal for many other cap screw pulling jobs. Holds two diametrically opposed cap screws or three screws 120° apart. Rotatable screw tip is slotted to prevent interference with horn button wiring. Complete puller consists of No. 4043B body, No. 4043S screw with tip. Extra tip is No. 4043T.

| No.  | Description     | Wt. Lbs. |
|------|-----------------|----------|
| 4043 | Complete Puller | 1.20     |

**D HARMONIC BALANCER PULLER**

Works on all recent model cars with two or three tapped holes on harmonic balances, timing gears. Works on many other pulling jobs.

| No.  | Description     | Wt. Lbs. |
|------|-----------------|----------|
| 4005 | Complete Puller | 3.00     |

**E REAR AXLE PULLER SET**

Just the thing for pulling flange type or tapered axles on cars or light trucks. Works with No. 4033 Bearing Plate and No. 4034 Flange Plate. Large screw gives tremendous pulling power. Made of heat treated special alloy steel. Handy metal storage box available. See price list for parts.

| No.   | Description                     | Wt. Lbs. |
|-------|---------------------------------|----------|
| 4100  | Rear Axle Puller Set            | 13.60    |
| 4100A | Same in No. 4100MB<br>Metal Box | 19.10    |

**F AXLE FLANGE PLATE**

Bolt this No. 4034 Flange Plate to studs with No. 4033 Bearing Puller behind the bearing and you're ready to pull frozen bearings from auto and truck axles.

| No.  | Description       | Wt. Lbs. |
|------|-------------------|----------|
| 4034 | Axle Flange Plate | 3.33     |

**G REAR BEARING PULLER ADAPTER**

Works with No. 4034 Flange Plate and No. 4100 Puller to free stubborn bearings without torch heating and hammering. Consists of two (2) No. 4033B plates and two (2) No. 4033S bolt and nut.

| No.  | Description                 | Wt. Lbs. |
|------|-----------------------------|----------|
| 4033 | Rear Bearing Puller Adapter | 7.75     |

**H BEARING SEPARATOR AND PULLER**

Flat surfaces, thin edges permit adjustment behind many gears, bearings, etc., where space is too limited for puller hooks. Protects expensive bearings. Also ideal as an arbor press bed plate. Overall width, 5-13/16". Top and bottom holes are 1/2-13 thread. Set consists of (2) No. 4032S, bolts and nuts, No. 4032A top plate, and No. 4032B bottom plate.

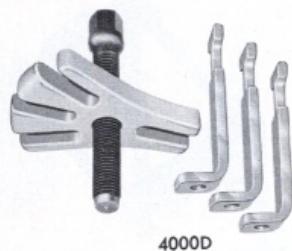
| No.  | Description     | Max. Opening | Wt. Lbs. |
|------|-----------------|--------------|----------|
| 4032 | Complete Puller | 4" x 4½"     | 4.40     |

**I REAR AXLE HAMMER PULLER**

The easiest way to remove rear axles. Big 5½-lb. hammer gives real drive. Four-slot adapter fits 4, 5 or 6-bolt or stud (5½" circle range) on flange type axles. Slide hammer is heavy duty malleable iron. All other parts are forged alloy steel. Set consists of 4055B body, 4055H slide hammer and 4055R rod.

| No.  | Description                 | Wt. Lbs. |
|------|-----------------------------|----------|
| 4055 | Rear Axle Hammer Puller Set | 9.56     |

*Quicker . . . simpler . . . fewer parts.  
These three words describe the complete  
line of P&C Pullers.*



4001

4001F

### UNIVERSAL WHEEL HUB PULLERS

These pullers are fast, simple, easy to use. Pulls hubs of most light trucks and cars. The No. 4001J legs are drilled for 9/16" studs and are quickly adjustable to any drum with 3, 4, 5, 6 or 7 studs in a circle up to 6½" diameter. The No. 4001JT legs accommodate larger ¾" studs and are adjustable on drums in a circle up to 8" diameter. The fastest, easiest manual wheel puller made for hubs without flanges on all Chrysler cars, Studebaker, Packard and other cars and light trucks.

#### WHEEL HUB PULLER PARTS AND SET COMBINATIONS

| Tool No.      | Description   | Wt.<br>Lbs. | Parts in Sets |       |       |       |       |
|---------------|---|-------------|---------------|-------|-------|-------|-------|
|               |   |             | 4000D         | 4000E | 4001  | 4001A | 4001F |
| 4001B         | Puller Body, 6¾" Long.....                                    | 3.60        | 1             | 1     | 1     | 1     | 1     |
| 4001C         | Older Ford Adapter Cap Screw, 4½" Long.....                   | .38         | ..            | ..    | 2     | 2     | ..    |
| 4001J         | Leg—1½" Leg Offset to Clear Hubs, 3¾" from Crossarm to Offset | 1.00        | 3             | 3     | 3     | 3     | 3     |
| 4001JT        | Leg—1¼" Leg Offset to Clear Hubs, 3¾" from Crossarm to Hub    | 1.00        | ..            | ..    | ..    | ..    | ..    |
| 4001R         | Older Ford Adapter Ring.....                                  | .64         | ..            | ..    | 1     | 1     | ..    |
| 4001S         | 1" Puller Screw, 8" Long, with 4001ST Tip.....                | 1.43        | 1             | 1     | 1     | 1     | 1     |
| 4001ST        | Detachable Tip for 4001S Screw.....                           | .06         | ..            | ..    | ..    | ..    | ..    |
| 4001T         | Steel Box, 10¾" x 8¼" x 1¾" .....                             | 2.20        | ..            | 1     | ..    | 1     | ..    |
| 4001W         | Striking Wrench .....   | 2.00        | ..            | ..    | ..    | 1     | 1     |
| Set Wt., Lbs. |   | 8.03        | 10.23         | 9.43  | 11.63 | 10.70 | 12.23 |



### STEP PLATES

Used on hollow shafting or housings as base for puller screw to force off bushings, gears, etc., also for installing oil seals.

| No.     | Small Diam. | Large Diam. | Wt. Lbs. |
|---------|-------------|-------------|----------|
| 4040-1  | ¾"          | 1"          | .05      |
| 4040-2  | ⅝"          | 1½"         | .08      |
| 4040-3  | 1"          | 1½"         | .10      |
| 4040-4  | 1⅛"         | 1¾"         | .13      |
| 4040-5  | 1¼"         | 1¾"         | .19      |
| 4040-6  | 1⅜"         | 1¾"         | .22      |
| 4040-7  | 1½"         | 1¾"         | .28      |
| 4040-8  | 1¾"         | 2"          | .33      |
| 4040-9  | 1¾"         | 2½"         | .40      |
| 4040-10 | 1¾"         | 2¾"         | .49      |
| 4040-11 | 2"          | 2½"         | .59      |
| 4040-12 | 2⅓"         | 2¾"         | .65      |
| 4040-13 | 2⅔"         | 2¾"         | .76      |
| 4040-14 | 2⅔"         | 2¾"         | .83      |

No. 4040 Set. Eleven sizes Step Plates, 4040-1 through 4040-11. Wt., 3.00 lbs.

### STUD REMOVERS AND SETTERS



#### MANUAL REMOVER

Available in both ½" and ¾" square drive for regular and heavy duty use. Each unit includes two wedges to increase the usable range. Storage for wedges provided in the unit (held in place by a snap-in pin).

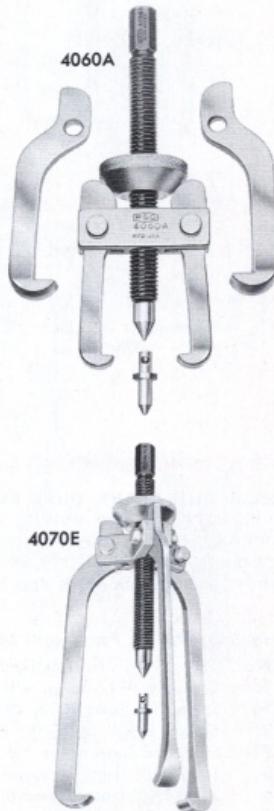
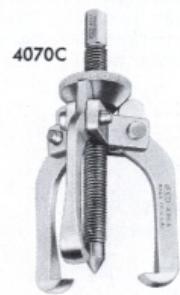
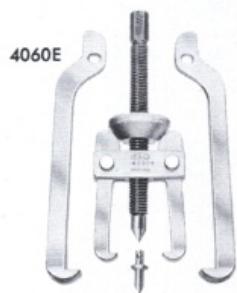
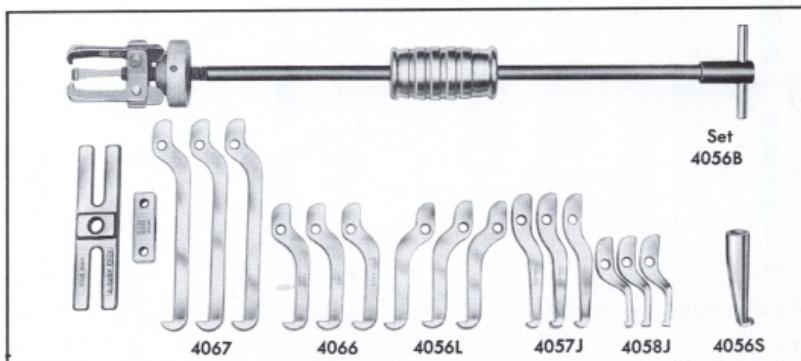
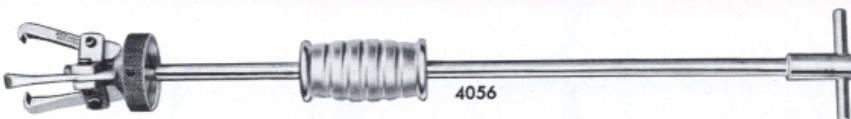
| No.  | Description                 | Drive For Studs | Diam.  | Length | Wt. Lbs. |
|------|-----------------------------|-----------------|--------|--------|----------|
| 4515 | Stud Remover,<br>complete   | ½"              | ¼"-¾"  | 1¾"    | 3½" .78  |
|      | Thick wedge<br>for ½" drive | ½"              | ¾"-2½" |        | .07      |
| 4516 | Thin wedge<br>for ½" drive  | ½"              | ¾"-¾"  |        | .04      |
| 4517 | Stud Remover,<br>complete   | ¾"              | ½"-1"  | 2"     | 5½" 3.40 |
|      | Thick wedge<br>for ¾" drive | ¾"              | ¾"-¾"  |        | .34      |
| 4533 | Thin wedge<br>for ¾" drive  | ¾"              | ¾"-1"  |        | .18      |
| 4534 |                             |                 |        |        |          |

#### POWER DRIVE

Sets or removes ¾" to 5/8" studs and bolts. Fastest, most efficient design available. Has single, reversible wedge forced against the stud by a spring. Safe, fast, positive. All parts complete in one unit. Nothing to loose or misplace. Works on ½" power or manual drive.



| No.  | Description                               | Drive | For Studs | Length | Wt. Lbs. |
|------|---|-------|-----------|--------|----------|
| 4510 | Power Drive<br>Stud Remover<br>and Setter | ½"    | ¾"-5/8"   | 3½"    | 1.00     |



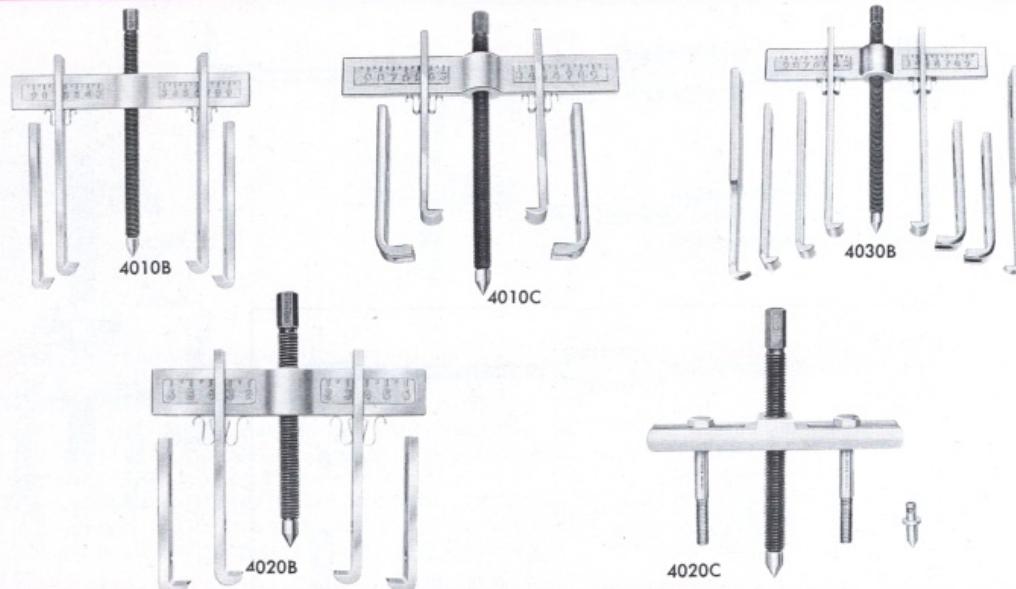
#### LIGHT DUTY AND SLIDE-HAMMER PULLERS

These small pullers are designed to pull small gears, pulleys, bearings, etc., quickly and easily. Applications include repairs of electric motors, refrigerators, oil pumps, starters, generators, etc. The narrow jaws get

into very close places. Adjusting nut No. 4063 holds the jaws firmly in position so they can't slip. If adjusting nut No. 4056-N is substituted, the short jaws can be reversed and used for inside pulling. Any  $\frac{1}{2}$ " opening wrench can be used on the screw's hexagon head.

#### Light Duty and Slide Hammer Pullers, Parts and Set Combinations

| Tool No. | Description   | Wt.<br>Lbs. | Parts in Sets |       |       |       |       |       |       |      |
|----------|---|-------------|---------------|-------|-------|-------|-------|-------|-------|------|
|          |   |             | 4056          | 4056A | 4056B | 4060A | 4060E | 4070C | 4070E |      |
| 4022     | Screw, $6\frac{3}{4}$ " Long, $\frac{1}{2}$ " Hex. Head, with 4022T & 4022TS Tip  | .35         | ..            | ..    | ..    | 1     | 1     | 1     | 1     |      |
| 4022T    | Standard Detachable Tip for 4022 Screw 60° Taper  | .03         | ..            | ..    | ..    | ..    | ..    | ..    | ..    |      |
| 4022TS   | Small Detachable Tip for 4022 Screw, $\frac{1}{4}$ " Diameter   | .02         | ..            | ..    | ..    | ..    | ..    | ..    | ..    |      |
| 4056C    | Slotted Cap Screw Pulling Crossarm, 6" Wide   | 1.10        | ..            | ..    | 1     | ..    | ..    | ..    | ..    |      |
| 4056H    | Sliding Hammer with Fluted Grip   | 2.70        | 1             | 1     | 1     | ..    | ..    | ..    | ..    |      |
| 4056J    | Reversible Jaw, $3\frac{1}{2}$ " Long, 2" Yoke to Hook, $1\frac{1}{4}$ " - $3\frac{1}{4}$ " Inside and 0" - $2\frac{1}{2}$ " Outside Ranges       | .11         | 3             | ..    | 3     | 2     | 2     | ..    | ..    |      |
| 4056L    | Inside Jaw, $4\frac{5}{16}$ " L, 3" Yoke to Hook 1 $\frac{1}{8}$ " - 6" Range   | .21         | ..            | ..    | 3     | ..    | ..    | ..    | ..    |      |
| 4056N    | Knurled Reversible Adjusting Nut $2\frac{1}{2}$ " Diameter  | .75         | 1             | 1     | 1     | ..    | ..    | ..    | ..    |      |
| 4056PN   | Pin for Holding Jaw in Yoke   | .03         | 3             | 2     | 3     | 2     | 2     | 3     | 3     |      |
| 4056R    | T-Handled Rod, 24" Long   | 1.90        | 1             | ..    | 1     | ..    | ..    | ..    | ..    |      |
| 4056RS   | Short Rod, 12 $\frac{1}{2}$ " Long, for Close Places and for Assembling Valve or Blind Bearing Puller   | .96         | ..            | 1     | ..    | ..    | ..    | ..    | ..    |      |
| 4056S    | Single Jaw, $2\frac{5}{16}$ " L, for Wheel Alignment Brakes, Pulling Grease Retainers, Small Bearings, etc.                                       | .17         | ..            | ..    | 1     | ..    | ..    | ..    | ..    |      |
| 4057J    | Long Reversible Jaw, $4\frac{3}{16}$ " Long, $3\frac{1}{16}$ " Yoke to Hook, $1\frac{1}{4}$ " - 3" Inside and 0" - $4\frac{1}{4}$ " Outside Range | .18         | ..            | ..    | 3     | ..    | ..    | ..    | ..    |      |
| 4058J    | Inside Jaw, $3\frac{13}{64}$ " L, $1\frac{7}{64}$ " Yoke to Hook $\frac{5}{8}$ " - 2" Range   | .10         | ..            | 2     | 3     | ..    | ..    | ..    | ..    |      |
| 4061     | Yoke, $2\frac{1}{2}$ " Wide for Holding Two Jaws  | .23         | ..            | 1     | 1     | 1     | 1     | 1     | 1     |      |
| 4063     | Knurled Non-Reversible Adjusting Nut, $1\frac{3}{4}$ " Diameter   | .28         | ..            | ..    | ..    | 1     | 1     | 1     | 1     |      |
| 4066     | Outside Jaw, $4\frac{1}{32}$ " L, 3" Yoke to Hook 0" - $4\frac{1}{4}$ " Range   | .21         | ..            | ..    | 3     | 2     | ..    | 3     | ..    |      |
| 4067     | Long Outside Jaw, $7\frac{23}{32}$ " L, $6\frac{1}{8}$ " Yoke to Hook 0" - $6\frac{1}{8}$ " Range   | .30         | ..            | ..    | 3     | ..    | 2     | ..    | 3     |      |
| 4071     | Yoke, $2\frac{1}{2}$ " Diameter for Holding Three Jaws  | .32         | 1             | ..    | 1     | ..    | ..    | 1     | 1     |      |
| 4080     | Blind Bedring Puller  | .34         | ..            | ..    | ..    | ..    | ..    | ..    | ..    |      |
|          |   |             | Set. Wt.      | 6.09  | 4.90  | 10.59 | 1.56  | 1.70  | 1.67  | 1.94 |

**MEDIUM AND HEAVY DUTY PULLERS**

Provide straight line pulling for all types of bearings, sprockets, gears, pulleys, wheels, hubs, etc. Springs hold quick-change jaws securely on crossarm which is marked to show the inches jaws are apart. With no linkage or

pins to adjust, they are easy to set up. Some jaws have hole for bolting together, extending reach. Detachable "live center" screw tips do not rotate when a screw is turned, preventing shaft damage, keeping screw on center, relieving screw strain and better alignment.

**Heavy Duty Puller Parts and Sets**

| Tool No. | Description  |
|----------|--|
| 4011     | Crossarm, 11" Long, with Jaw-Positioning Guide.....                                |
| 4011S    | Spring for Jaws 4015, 4016, 4017 and 4018.....                                     |
| 4012     | Screw, 11 $\frac{1}{16}$ " Long, $\frac{3}{8}$ " Hexagon Head, with 4012T Tip..... |
| 4012T    | Standard Detachable Tip for 4012 Screw, 60° Taper.....                             |
| 4015     | Jaw, 4 $\frac{3}{4}$ " from Crossarm to Hook.....                                  |
| 4016     | Jaw, 7 $\frac{3}{16}$ " from Crossarm to Hook.....                                 |
| 4017     | Timing Gear Jaw, 7 $\frac{3}{16}$ " from Crossarm to Hook.....                     |
| 4018     | Cap Screw Jaw, 3" from Crossarm to Hook.....                                       |
| 4019     | Steel Box, 11 $\frac{1}{8}$ " x 11 $\frac{3}{4}$ " x 1 $\frac{3}{4}$ " .....       |

| Wt.<br>Lbs. | 4010B | 4010C | Parts in Set<br>4030A | 4030B |
|-------------|-------|-------|-----------------------|-------|
| 2.70        | 1     | 1     | 1                     | 1     |
| .02         | 2     | 2     | 2                     | 2     |
| 1.20        | 1     | 1     | 1                     | 1     |
| .06         | ..    | ..    | ..                    | ..    |
| .94         | 2     | 2     | 2                     | 2     |
| 1.26        | 2     | ..    | 2                     | 2     |
| 1.14        | ..    | ..    | 2                     | 2     |
| .88         | ..    | 2     | 2                     | 2     |
| 4.10        | ..    | ..    | 1                     | ..    |
| Set Wt.     | 8.38  | 7.62  | 16.60                 | 12.50 |

**Medium Duty Puller Parts and Sets**

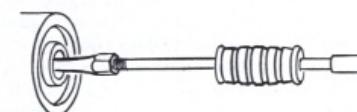
| Tool No. | Description  |
|----------|--|
| 4021     | Crossarm, 7" Long with Jaw-Positioning Guide.....  |
| 4021S    | Spring for Jaws 4025, 4026 and 4027 .....  |
| 4022     | Screw, 6 $\frac{3}{4}$ " Long, $\frac{1}{2}$ " Hexagon Head, with 4022T and 4022TS Tips..... |
| 4022T    | Standard Detachable Tip for 4022 Screw, 60° Taper.....                                       |
| 4022TS   | Small Detachable Tip for 4022 Screw, $\frac{1}{4}$ " Diameter.....                           |
| 4025     | Jaw, 2" from Crossarm to Hook .....  |
| 4026     | Jaw, 4" from Crossarm to Hook .....  |
| 4027     | Narrow Jaw, 4" from Crossarm to Hook .....   |
| 4028     | Cap Screw, Case Hardened, 3" Long.....   |
| 4029     | Steel Box, 7" x 7" x 1 $\frac{1}{4}$ " .....   |
| 4056C    | Cap Screw Crossarm, 6" Wide .....  |

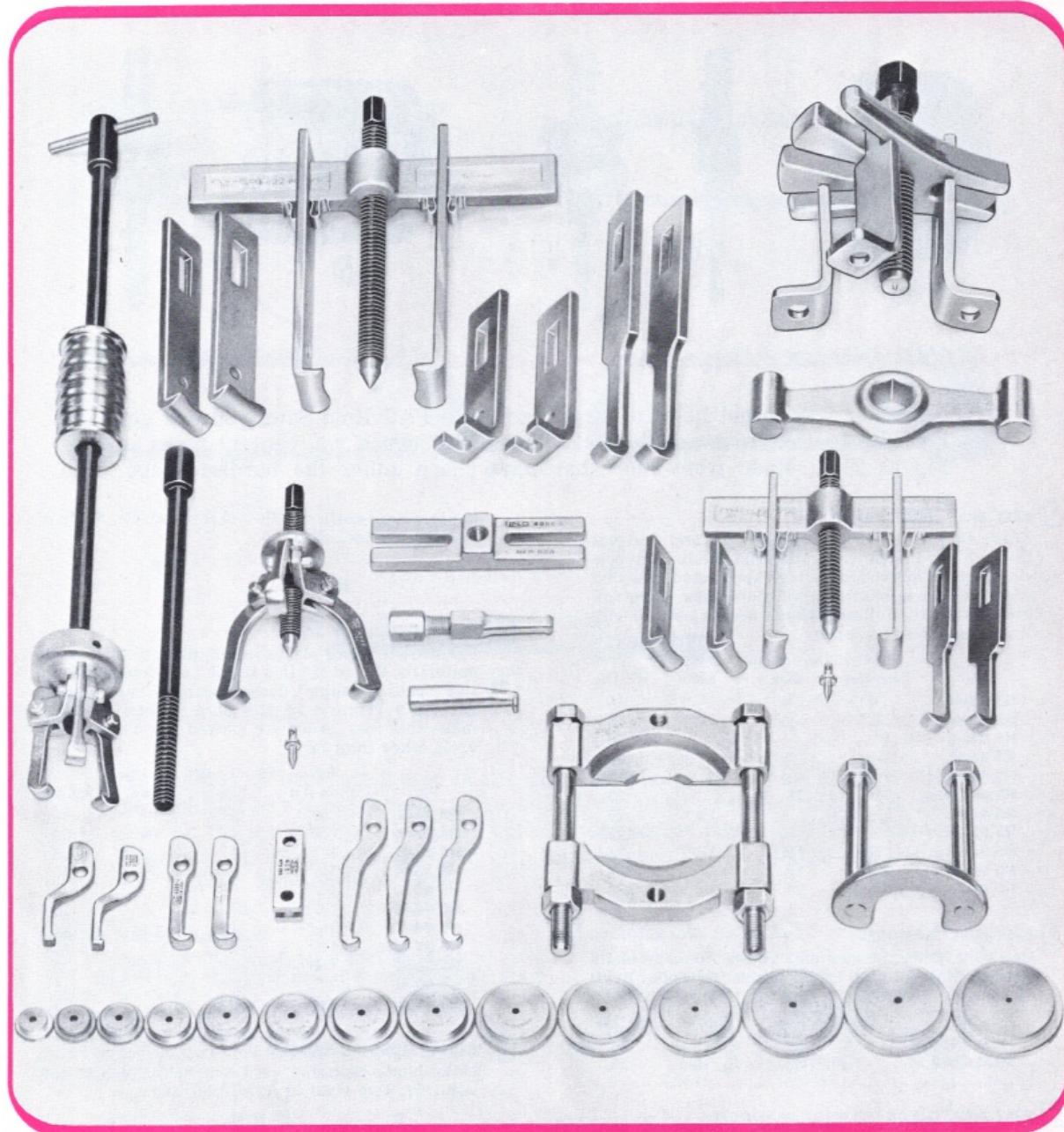
| Wt.<br>Lbs. | 4020A | Parts in Set<br>4020B | 4020C |
|-------------|-------|-----------------------|-------|
| 1.00        | 1     | 1                     | ..    |
| .01         | 2     | 2                     | ..    |
| .35         | 1     | 1                     | 1     |
| .03         | ..    | ..                    | ..    |
| .02         | ..    | ..                    | ..    |
| .33         | 2     | 2                     | ..    |
| .50         | 2     | 2                     | ..    |
| .35         | ..    | ..                    | ..    |
| .10         | ..    | ..                    | 2     |
| 1.74        | 1     | ..                    | ..    |
| 1.10        | ..    | ..                    | 1     |
| Set Wt.     | 4.79  | 3.05                  | 1.65  |

**BLIND BEARING PULLER**

Simple, efficient, collect-type pulls Chevrolet, Ford and Packard pilot bearings quickly, without damage. Turning screw expands outer shoulder and grips bearing. Expands to 11/16" diameter. Has many other uses. Can be used alone or with No. 4056 Slide-Hammer Puller.

| No.   | Description     | Length            | Wt. Lbs. |
|-------|-----------------|-------------------|----------|
| 4080  | Complete Puller | 4 $\frac{1}{2}$ " | .34      |
| 4080B | Spare Body      |                   |          |
| 4080S | Spare Screw     |                   |          |



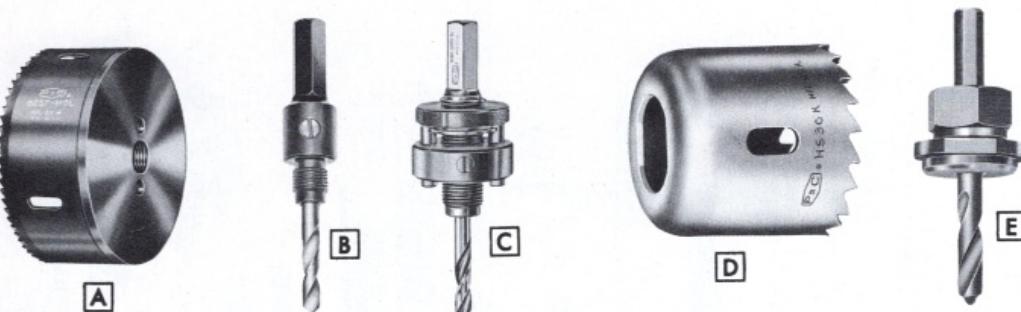


### MASTER PULLER SET—No. 4000AB

With this set you will never have a puller problem that you can't lick. Interchangeability of parts makes for maximum use and efficiency. An ideal set for the shop that must be completely equipped.

| Tool No. | Description                 | Quantity | Tool No. | Description                | Quantity |
|----------|-----------------------------|----------|----------|----------------------------|----------|
| 4001     | Universal Wheel Puller..... | 1        | 4056     | Slide-Hammer Puller .....  | 1        |
| 4001-W   | Striking Wrench .....       | 1        | 4056-C   | Cap Screw Crossarm.....    | 1        |
| 4020-B   | Medium Duty Puller .....    | 1        | 4056-J   | Reversible 3½" Jaw.....    | 2        |
| 4027     | Narrow Jaw .....            | 2        | 4056-RS  | Short Puller Rod .....     | 1        |
| 4030-B   | Heavy Duty Puller.....      | 1        | 4056-S   | Single Puller Jaw.....     | 1        |
| 4032     | Bearing Separator .....     | 1        | 4057-J   | Reversible 4¾" Jaw.....    | 3        |
| 4040     | Step Plate Adapter Set..... | 1        | 4058-J   | Pilot Bearing Jaw.....     | 2        |
| 4040-12  | Step Plate Adapter.....     | 1        | 4061     | Yoke for Two Jaws.....     | 1        |
| 4040-13  | Step Plate Adapter.....     | 1        | 4070-C   | Light Duty Puller.....     | 1        |
| 4040-14  | Step Plate Adapter.....     | 1        | 4080     | Blind Bearing Puller ..... | 1        |

Set Wt. Lbs. 52.00



No better way to get holes of large size. With P&C Hole Saws you can get holes up to 1 1/8" with a 1/4" chuck. With 7/16" chuck you can cut holes as big as 2 1/2". Made from steel that stays sharp under the hardest usage.

#### A BEST-MOL<sup>®</sup> HOLE SAWS

These Saws are for high speed use and will cut through any machineable material. Made from special formula molybdenum high speed steel. Cutting edge welded to shatterproof steel back. Give full 1 1/8" cut depth. Follow-through design permits cutting to any desired depth.

| No.     | Saw Diameter | For Conduit Size | For Pipe Size | Wt. Lbs. |
|---------|--------------|------------------|---------------|----------|
| HS 24-M | 3/4"         | 3/8"             | .18           |          |
| HS 28-M | 7/8"         | 1/2"             | 3/4"          | .18      |
| HS 32-M | 1"           |                  |               | .18      |
| HS 36-M | 1 1/8"       | 3/4"             | 1"            | .20      |
| HS 40-M | 1 1/4"       |                  |               | .20      |
| HS 44-M | 1 3/8"       | 1"               |               | .20      |
| HS 48-M | 1 1/2"       |                  | 1 1/4"        | .21      |
| HS 52-M | 1 5/8"       |                  |               | .22      |
| HS 56-M | 1 3/4"       | 1 1/4"           | 1 1/2"        | .24      |
| HS 64-M | 2"           | 1 1/2"           |               | .27      |
| HS 80-M | 2 1/2"       | 2"               |               | .36      |

Replacement Drills for Best-Mol mandrels. Made of high speed steel. Size 1/4".

| No.     | Wt. Lbs. |
|---------|----------|
| HSM 8 D | .01      |

#### D BEST-QUIK<sup>®</sup> HOLE SAWS

For use on wood, plasterboard, plastic and similar materials. Cut to 7/8" in a single pass. Special exclusive "pass through" design permits even deeper cuts with removal of the plug. Knock-out holes make this easy. Saws are slotted for use on mandrels other than P&C.

| No.     | Saw Diameter | For Conduit Size | For Pipe Size | Wt. Lbs. |
|---------|--------------|------------------|---------------|----------|
| HS 24-K | 3/4"         | 3/8"             | .18           | .08      |
| HS 28-K | 7/8"         | 1/2"             | 3/4"          | .08      |
| HS 32-K | 1"           |                  |               | .08      |
| HS 36-K | 1 1/8"       | 3/4"             | 1"            | .10      |
| HS 40-K | 1 1/4"       |                  |               | .10      |
| HS 44-K | 1 3/8"       | 1"               |               | .10      |
| HS 48-K | 1 1/2"       |                  | 1 1/4"        | .11      |
| HS 52-K | 1 5/8"       |                  |               | .12      |
| HS 56-K | 1 3/4"       | 1 1/4"           | 1 1/2"        | .13      |
| HS 64-K | 2"           | 1 1/2"           |               | .15      |
| HS 80-K | 2 1/2"       | 2"               |               | .21      |

#### E BEST - QUIK<sup>®</sup> MANDRELS

Make blade changing easy and hold the hole saw securely. Two sizes to fit all hole saws.

| No.        | Fit Saws Between Sizes | Shank | Wt. Lbs. |
|------------|------------------------|-------|----------|
| HSM 2436 K | 3/4" - 1 1/8"          | 1/4"  | .13      |
| HSM 4080 K | 1 1/4" - 2 1/2"        | 5/16" | .16      |

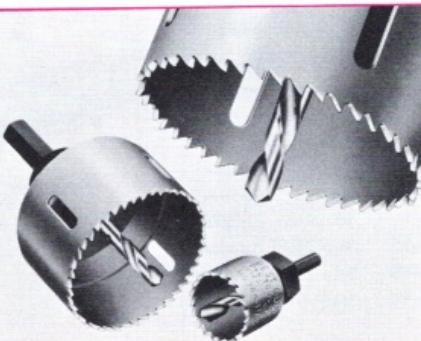
#### C BEST-MOL<sup>®</sup> QUICK CHANGE MANDREL

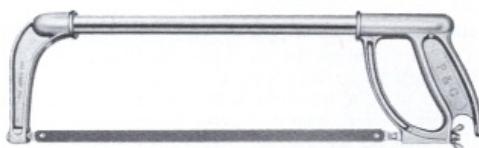
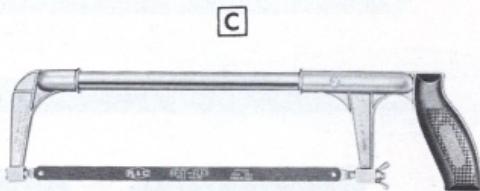
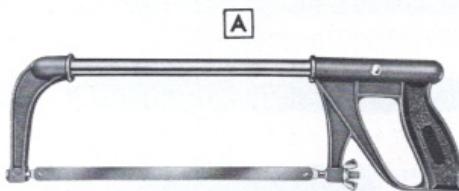
Has precision ground thread that permits fingertip adjustment. Does not require removal of mandrel from chuck for blade changes.

| No.        | Fitting Saws Between Sizes | Shank     | Wt. Lbs. |
|------------|----------------------------|-----------|----------|
| HSM 5280 M | 1 1/4" - 2 1/2"            | 7/16" Hex | .63      |

#### Two types of P&C Hole Saws for big holes in all kinds of materials.

With Best-Mol Hole Saws you can saw holes in any metal that is machineable. And for lighter use on metals plus wood, plaster, plastic, hardboard you will find Best-Quik the hole saw that gets the job done smoothly and quickly. Matching mandrels assure accurate alignment and true holes.





The test of a hacksaw frame is the rigidity it imparts to the blade . . . the flexibility it has in actual use . . . the soundness of its overall design so it will stay on the job for years to come. On all these scores P&C Hack Saw Frames measure up. Handles are easy to grip, blades are easy to change—to adjust for regular, side or back cuts.

#### A TUBULAR FRAME HACKSAW

Here is a hacksaw that won't let blades wobble or bend. Lightweight yet exceptionally strong with tubular steel frame and die cast aluminum front end and handle. Extra blade storage space provided in the tubular part of the frame. Easily adjusted to use either 10" or 12" blades. Blade adjusts for angular cuts.

| No.  | Overall Length | Wt. Lbs. |
|------|----------------|----------|
| 1353 | 17"            | 1.00     |

#### D RIGID-FRAME HACKSAW

This is a hacksaw of conventional design intended for the heaviest use. No twist or warp in the frame of tough, tempered steel. Adjustable to take 10" or 12" blades and to make side or reverse cuts. Handles of molded plastic fit the hand for easy use.

| No.  | Overall Length | Wt. Lbs. |
|------|----------------|----------|
| 1361 | 17½"           | 1.90     |

#### B TUBULAR FRAME HACKSAW

A popular priced tubular hacksaw that sacrifices nothing in strength and ease of use. Handle is close to blade end for better balance and more cutting pressure. Frame will not twist. Always holds the blade tight. Accommodates both 10" and 12" blades. Blade storage provided in frame.

| No.  | Overall Length | Wt. Lbs. |
|------|----------------|----------|
| 1354 | 17"            | 1.3      |

#### E LOW CLEARANCE HACKSAW

Here is the steel-cutting version of the keyhole saw. Adjustable throat gives you cuts through 1" material or insertion into a 1" hole for any inside cut. Uses standard 10" blade. Solid steel backbone gives tremendous blade tension for easy cutting.

| No.  | Overall Length | Wt. Lbs. |
|------|----------------|----------|
| 1345 | 16½"           | 1.00     |

#### C TUBULAR FRAME HACKSAW

Economy priced wobble-free frame is die-cast for extra strength, reinforced at all stress points. Easy on hands, handle is practically indestructible. Extra blade storage space in the tubular frame. Handles both 10" and 12" blades. Comes with 10" blade.

| No.  | Overall Length | Wt. Lbs. |
|------|----------------|----------|
| 1355 | 16"            | 1.0      |

For best cutting results with P&C Hacksaws use P&C Hacksaw Blades. Two types to pick from in both 10" and 12" lengths and all popular teeth sizes. See page 24.



18-Tooth



24-Tooth



32-Tooth

**A HACKSAW BLADES — BEST-TUF®**

You'll never find a finer, general-purpose hand hacksaw blade. Fabricated with years of saw making experience from patented special alloy steel. Teeth will not strip even when used on the lightest tubing or thinnest sheet metal.

| No.       | Length | Width | Teeth per In. of Blade | Wt. Lbs. |
|-----------|--------|-------|------------------------|----------|
| HB 1018-T | 10"    | 1/2"  | 18                     | .04      |
| HB 1024-T | 10"    | 1/2"  | 24                     | .04      |
| HB 1218-T | 12"    | 1/2"  | 18                     | .05      |
| HB 1224-T | 12"    | 1/2"  | 24                     | .05      |
| HB 1232-T | 12"    | 1/2"  | 32                     | .05      |

18-tooth are straight set. 24 and 32-tooth are wavy set.

**B HACKSAW BLADES — BEST-FLEX®**

This is the blade to use when there is a tough cutting job to do and where breakage is a problem. Made of molybdenum high speed steel. Designed for high speed use and long wear. Unbreakable in use. Can be used to cut high alloy steels.

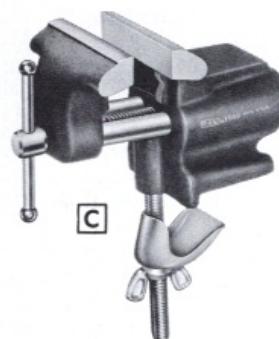
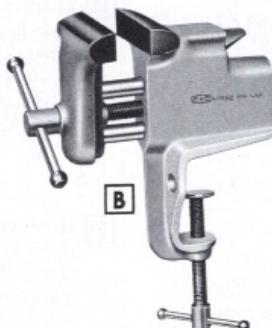
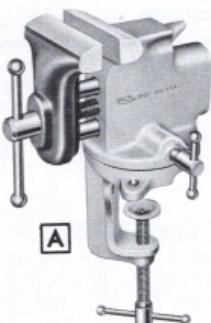
| No.       | Length | Width | Teeth per In. of Blade | Wt. Lbs. |
|-----------|--------|-------|------------------------|----------|
| HB 1018-F | 10"    | 1/2"  | 18                     | .04      |
| HB 1024-F | 10"    | 1/2"  | 24                     | .04      |
| HB 1218-F | 12"    | 1/2"  | 18                     | .05      |
| HB 1224-F | 12"    | 1/2"  | 24                     | .05      |
| HB 1232-F | 12"    | 1/2"  | 32                     | .05      |

18-tooth blades have straight set. 24 and 32-tooth blades have wavy set.

**18-Tooth** recommended for general shop use on tool steel, iron pipe and light angle iron.

**24-Tooth** for cutting hard materials where the cross section is  $\frac{1}{16}$ " or more.

**32-Tooth** for cutting stock up to  $\frac{1}{16}$ " such as thin sheet metal, light tubing, BX.

**BENCH VISES****A SWIVEL BENCH VISE**

Permits jaws to be swung to the angle best suited to the job at hand. Swivel clamping mechanism works smoothly and holds securely. Jaws are  $2\frac{1}{2}$ " wide and open to  $2\frac{1}{4}$ ".

| No.  | Description       | Wt. Lbs. |
|------|-------------------|----------|
| 1997 | Swivel Bench Vise | 5.50     |

**B RIGID BENCH VISE**

A strong, rigid vise that clamps firmly to the bench. Jaws open to  $2\frac{1}{4}$ " and are  $2\frac{1}{2}$ " wide.

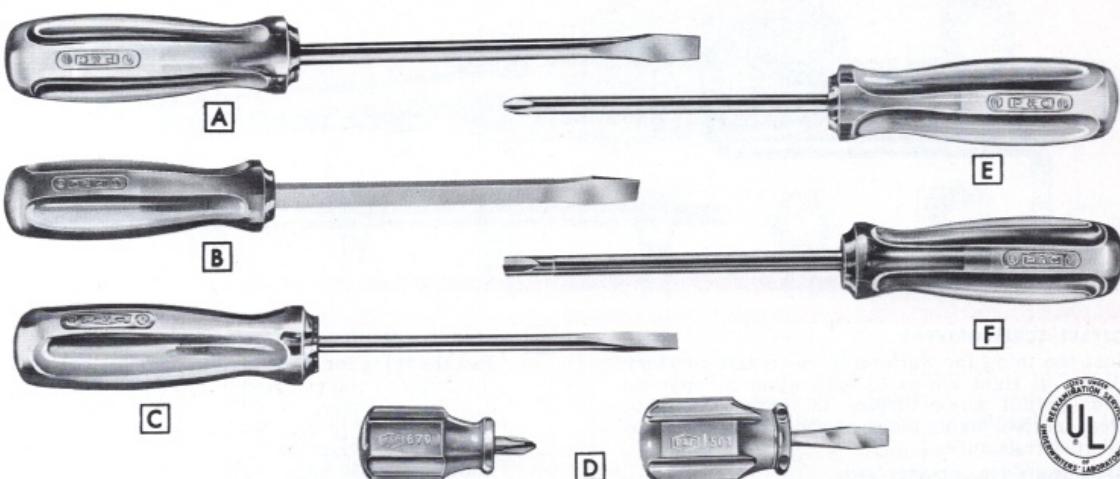
| No.  | Description      | Wt. Lbs. |
|------|------------------|----------|
| 1998 | Rigid Bench Vise | 4.00     |

**C PREMIER BENCH VISE**

Big 3" jaws that open to  $2\frac{3}{8}$ ". Parallel guide rods add strength and sturdiness plus keeping work from touching the screw. Has V-grooved jaws for holding rounds. Unbreakable  $\frac{3}{8}$ " steel clamping stud and power-grip cantilever clamping foot fits vise to bench.

| No.  | Description      | Wt. Lbs. |
|------|------------------|----------|
| 1999 | Rigid Bench Vise | 3.25     |

*Jaws stay parallel on P&C Vises for a positive grip every time.*



Blades are forged from toughened special alloy steel. Handles are clear shock-proof, acid-proof plastic or of special selected fine-grain hardwood and are shaped for best grip and no slip. Blades are fastened to handles with flanged end that will not loosen . . . we guarantee it.

**A PLASTIC HANDLE—STANDARD TIP—ROUND SHANK**

| No. | Blade Diam. | Blade Length | Overall Length | Wt. Lbs. |
|-----|-------------|--------------|----------------|----------|
| 402 | 1/8"        | 2 1/2"       | 5 1/4"         | .05      |
| 404 | 1/8"        | 4 1/2"       | 7 1/4"         | .06      |
| 504 | 3/16"       | 4"           | 7 1/2"         | .10      |
| 508 | 3/16"       | 7 1/2"       | 11"            | .13      |
| 634 | 1/4"        | 4"           | 8"             | .17      |
| 736 | 5/16"       | 6"           | 10 1/2"        | .30      |
| 740 | 5/16"       | 10"          | 14 1/2"        | .39      |
| 838 | 3/8"        | 8"           | 13"            | .47      |

**B PLASTIC HANDLE—STANDARD TIP—SQUARE SHANK**

| No. | Blade Diam. | Blade Length | Overall Length | Wt. Lbs. |
|-----|-------------|--------------|----------------|----------|
| 442 | 1/8"        | 2 1/2"       | 5 1/4"         | .04      |
| 542 | 3/16"       | 1 1/2"       | 4 1/4"         | .06      |
| 544 | 1/4"        | 4"           | 7 1/2"         | .11      |
| 548 | 3/16"       | 7 1/2"       | 11"            | .15      |
| 603 | 1/4"        | 3"           | 6 3/4"         | .13      |
| 604 | 1/4"        | 4"           | 8"             | .15      |
| 609 | 1/4"        | 9"           | 13"            | .25      |
| 705 | 5/16"       | 5"           | 9 5/8"         | .31      |
| 706 | 5/16"       | 6"           | 10 1/2"        | .33      |
| 710 | 5/16"       | 10"          | 14 1/2"        | .43      |
| 808 | 3/8"        | 8"           | 13"            | .55      |
| 810 | 3/8"        | 10"          | 15"            | .62      |
| 812 | 3/8"        | 12"          | 17"            | .90      |
| 816 | 3/8"        | 16"          | 23"            | 1.05     |

**C PLASTIC HANDLE—CABINET TIP—ROUND SHANK**

| No. | Blade Diam. | Blade Length | Overall Length | Wt. Lbs. |
|-----|-------------|--------------|----------------|----------|
| 462 | 1/8"        | 2 1/2"       | 5 1/4"         | .05      |
| 464 | 1/8"        | 4"           | 7"             | .06      |
| 466 | 1/8"        | 6"           | 8 3/4"         | .06      |
| 562 | 3/16"       | 3"           | 6 3/8"         | .10      |
| 564 | 3/16"       | 4"           | 7 1/2"         | .10      |
| 565 | 3/16"       | 5"           | 8 5/8"         | .13      |
| 566 | 3/16"       | 6"           | 9 1/2"         | .12      |
| 568 | 3/16"       | 8"           | 11 1/2"        | .13      |
| 669 | 1/4"        | 10"          | 14"            | .24      |

**D STUBBY SCREWDRIVERS**

| No. | Type of Tip    | Overall Length | Wt. Lbs. |
|-----|----------------|----------------|----------|
| 501 | Standard       | 3"             | .07      |
| 601 | Standard       | 3 7/8"         | .13      |
| 670 | Phillips No. 2 | 2 1/2"         | .08      |
| 690 | Reed & Prince  | 2 7/8"         | .07      |

**E PLASTIC HANDLE—CROSS SLOT SCREWDRIVERS**

| No. | Phillips Blade Size | Blade Length | Overall Length | Wt. Lbs. |
|-----|---------------------|--------------|----------------|----------|
| 473 | 0                   | 2 1/4"       | 5"             | .05      |
| 573 | 1                   | 3"           | 6 1/2"         | .10      |
| 674 | 2                   | 4"           | 8"             | .15      |
| 776 | 3                   | 6"           | 10 1/2"        | .28      |
| 878 | 4                   | 8 1/2"       | 13 1/2"        | .50      |

**REED & PRINCE**

| No. | Blade Diam. | Blade Length | Overall Length | Wt. Lbs. |
|-----|-------------|--------------|----------------|----------|
| 592 | 3/16"       | 3"           | 6 3/8"         | .09      |
| 693 | 1/4"        | 4"           | 8"             | .17      |
| 794 | 5/16"       | 6"           | 10 3/8"        | .30      |

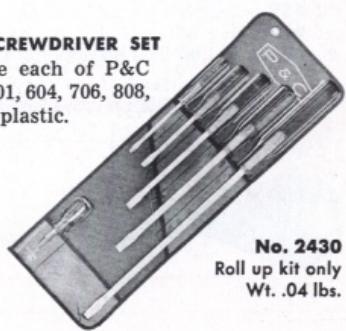
**F CLUTCH HEAD**

| No. | Bit Size | Blade Length | Overall Length | Wt. Lbs. |
|-----|----------|--------------|----------------|----------|
| 483 | 5/32"    | 3 7/8"       | 7 3/8"         | .12      |
| 584 | 3/16"    | 3 7/8"       | 7 3/8"         | .12      |
| 685 | 1/4"     | 4 7/8"       | 8 7/8"         | .18      |
| 786 | 5/16"    | 4 7/8"       | 9 3/8"         | .28      |

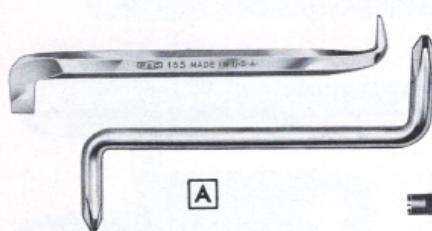
**ALL PURPOSE SCREWDRIVER SET**

Set includes one each of P&C numbers 544, 601, 604, 706, 808, 812. Kit is vinyl plastic.

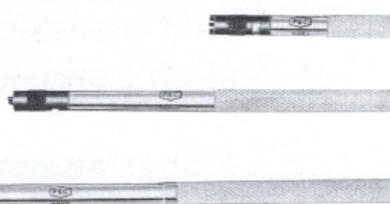
**No. 500-A**  
Screwdriver Set  
Wt. 2.30 lbs.



**No. 2430**  
Roll up kit only  
Wt. .04 lbs.



B

**A OFFSET SCREWDRIVERS**

Just the thing for working in restricted quarters. Blades at right angles to each other at opposite ends permit screw turning in minimum radius. Heat treated, highly polished and treated for overall rust resistance.

**STANDARD TIP—DOUBLE END**

| No. | Stock Size | Overall Length | Wt. Lbs. |
|-----|------------|----------------|----------|
| 163 | 1/4"       | 3"             | .05      |
| 164 | 1/4"       | 4 1/4"         | .07      |
| 165 | 5/16"      | 5"             | .11      |
| 166 | 3/8"       | 6 1/8"         | .19      |

**PHILLIPS CROSS-SLOT TIP — DOUBLE END**

| No. | Phillips Blade Size | Overall Length | Wt. Lbs. |
|-----|---------------------|----------------|----------|
| 152 | 1 & 2               | 4 1/4"         | .19      |
| 153 | 3 & 4               | 5 1/2"         | .31      |

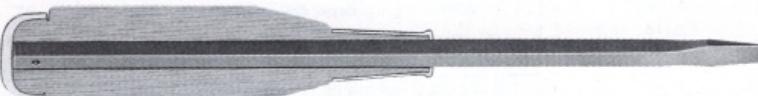
**B SCREW HOLDING SCREWDRIVERS**

Just the thing for those hard to get at places. Holds the screw so you can feed it into position and start it before changing over to a regular screwdriver. Spring loaded to give 5-9 inch-pounds of pressure in the slot. Easily released with a twist of the knurled handle. Light weight and easy to use.

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 9851 | 2 1/2" | .05      |
| 9853 | 5"     | .10      |
| 9855 | 9"     | .12      |

**SOCKET SCREWDRIVERS**

You can often get the job done faster and easier with a Socket Screwdriver. See pages 31 through 37.

**WOOD HANDLE SCREWDRIVERS**

P&C Wood Handle Screwdrivers are designed for the toughest of usage. Blade extends the full length of the clear birch handle. A steel pin through the steel handle cap, then the handle and finally the blade extension, welds them all into a solid unit. In addition a steel ferrule protects the blade end of the handle.

**STANDARD TIP — SQUARE SHANK**

| No. | Stock Size | Blade Length | Overall Length | Wt. Lbs. |
|-----|------------|--------------|----------------|----------|
| 452 | 1/8"       | 2 1/2"       | 5 3/4"         | .06      |
| 551 | 3/16"      | 1 1/2"       | 4 1/2"         | .10      |
| 553 | 3/16"      | 2 1/2"       | 6 5/8"         | .12      |
| 554 | 3/16"      | 4"           | 8 7/8"         | .16      |
| 559 | 3/16"      | 9"           | 13 1/4"        | .17      |
| 654 | 1/4"       | 4"           | 9 1/8"         | .22      |
| 660 | 1/4"       | 9 1/2"       | 14 1/2"        | .30      |

**STANDARD TIP — SQUARE SHANK (Cont'd)**

| No. | Stock Size | Blade Length | Overall Length | Wt. Lbs. |
|-----|------------|--------------|----------------|----------|
| 752 | 5/16"      | 1 11/16"     | 6"             | .30      |
| 756 | 5/16"      | 6"           | 12"            | .42      |
| 760 | 5/16"      | 10"          | 16"            | .50      |
| 858 | 3/8"       | 8"           | 14 13/16"      | .78      |
| 862 | 3/8"       | 12"          | 18 13/16"      | .97      |
| 964 | 7/16"      | 13 7/8"      | 22 1/16"       | 1.55     |

**PHILLIPS CROSS SLOTH**

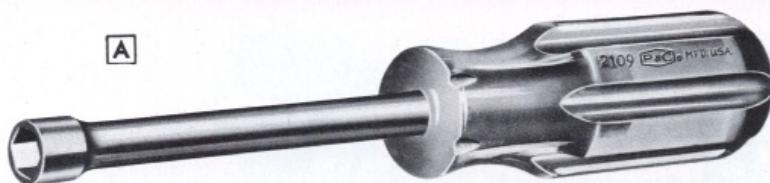
| No. | Phillips Blade Size | Blade Length | Overall Length | Wt. Lbs. |
|-----|---------------------|--------------|----------------|----------|
| 523 | 1                   | 3"           | 6 1/4"         | .08      |
| 624 | 2                   | 4"           | 8 7/8"         | .18      |
| 726 | 3                   | 6"           | 12"            | .30      |
| 828 | 4                   | 8"           | 14 1/2"        | .52      |

**KEY RING SCREWDRIVER**

Handier than a pocket knife. Fits on key ring or watch chain. Use it to open cans, open doors, emergency repairs. Makes the perfect small gift or business reminder. A good conversation starter.

| No. | Bit Width | Length | Wt. Lbs. |
|-----|-----------|--------|----------|
| 400 | 3/16"     | 2 1/4" | .015     |

A



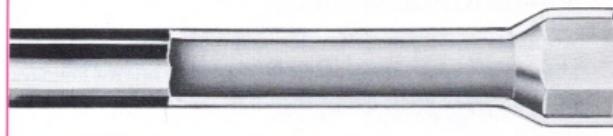
A

**HEX NUT DRIVERS**

The handiest tool you'll ever use on small nuts and in confined places. A must on electronic equipment, instruments, radio and ignition work. Easy-on-the-hand fluted handles are color coded by size, are fire and shock resistant.

| No.  | Nominal Opening | Handle Color | Tool Length | Wt. Lbs. |
|------|-----------------|--------------|-------------|----------|
| 2106 | 3/16"           | Black        | 6 1/8"      | .16      |
| 2107 | 5/32"           | Brown        | 6 1/8"      | .16      |
| 2108 | 1/4"            | Red          | 6 1/8"      | .16      |

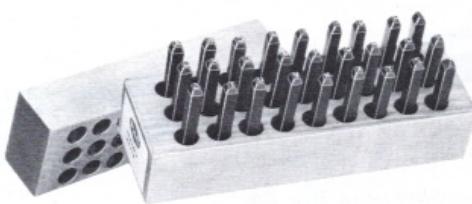
| No.  | Nominal Opening | Handle Color | Tool Length | Wt. Lbs. |
|------|-----------------|--------------|-------------|----------|
| 2109 | 5/32"           | Orange       | 6 1/8"      | .16      |
| 2110 | 3/16"           | Amber        | 6 7/8"      | .22      |
| 2111 | 11/32"          | Green        | 6 7/8"      | .22      |
| 2112 | 3/8"            | Blue         | 6 7/8"      | .22      |
| 2114 | 7/16"           | Brown        | 7 1/8"      | .30      |
| 2116 | 1/2"            | Red          | 7 1/8"      | .30      |
| 2118 | 9/16"           | Orange       | 7 1/8"      | .33      |
| 2120 | 5/8"            | Amber        | 7 1/8"      | .33      |



You get greater convenience and more wear from P&C Hex Drivers. Special heat treated shaft is hollow for lighter weight and to allow follow-through tightening on long bolts. Drive openings are precision formed to fit tightly for positive tightening.

**STEEL LETTERS AND FIGURES**

P&amp;C



A



B

A

**STEEL LETTERS**

The positive way to get permanent tool and part identification on all metals. A very readable gothic face that has been specially hardened and tempered for long life. Six letter sizes to choose from. Sets include all letters and a period.

| No.  | Character Height | Stock Size     | Set Wt. Lbs. |
|------|------------------|----------------|--------------|
| 1541 | 1/16"            | 1/4" x 2 3/8"  | 1.38         |
| 1542 | 3/32"            | 1/4" x 2 3/8"  | 1.38         |
| 1543 | 1/8"             | 1/4" x 2 3/8"  | 1.38         |
| 1544 | 3/16"            | 5/16" x 2 1/2" | 2.50         |
| 1545 | 1/4"             | 3/8" x 2 1/2"  | 3.38         |
| 1546 | 5/8"             | 1/2" x 2 7/8"  | 6.50         |

B

**STEEL FIGURES**

Make the job of serial numbering easy and quick. Also permanent. Made of hardened tool steel with deep-etched faces that will last for years. Set includes characters 0 to 8, the 6 doubling for the 9.

| No.  | Character Height | Stock Size     | Set Wt. Lbs. |
|------|------------------|----------------|--------------|
| 1551 | 1/16"            | 1/4" x 2 3/8"  | .50          |
| 1552 | 3/32"            | 1/4" x 2 3/8"  | .50          |
| 1553 | 1/8"             | 1/4" x 2 3/8"  | .50          |
| 1554 | 3/16"            | 5/16" x 2 1/2" | .88          |
| 1555 | 1/4"             | 3/8" x 2 1/2"  | 1.13         |
| 1556 | 5/8"             | 1/2" x 2 7/8"  | 2.13         |

P&amp;C

POSITIVE  
NUT FIT  
THIN  
WALL

PLAIN  
SIZE  
MARKING



CHAMFERED  
EDGE

BEAUTIFUL  
CHROME  
FINISH

DETENT BALL  
POSITIVE MARKED

HOT BROACHED  
TO CLOSE  
TOLERANCE

POSITIVE-HOLD  
DETENT BALL

PIN STAYS  
PUT  
FREE  
WORKING  
JOINT

CLOSE FIT  
SQUARE DRIVE

SOCKET  
OPENING  
TYPES

6 PT

8 PT

12 PT

No finer sockets, socket handles and attachments are made than those carrying the P&C label. Each is designed with care to get the job done with greatest ease and efficiency. They are made from special alloy steel, machined to perfection, clearly marked for speedier use and beautifully finished in high-polish chrome.

**P&C Sockets** have strong, light, thin walls to give remarkable toughness along with small size to go into tight places. Chamfered openings slip on nuts and bolts easily. Detent ball position is clearly marked as is the size of every socket.

**P&C Handles** give maximum utility regardless of the type. Ratchet handles work smoothly with minimum reverse

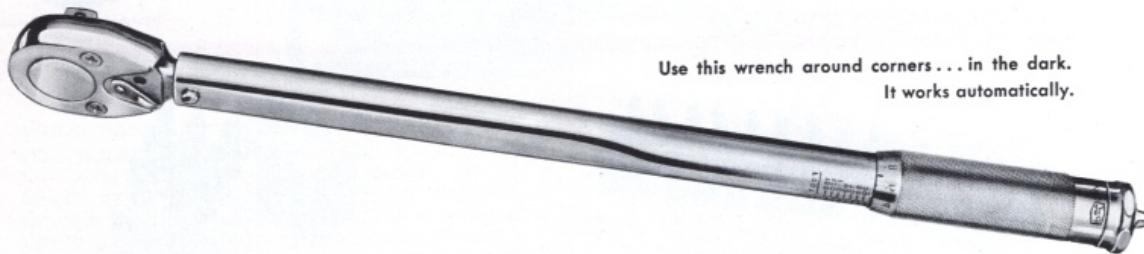
drag and completely trouble-free mechanisms. Spinner and speeder handles fit the palm of the hand for greater use comfort.

**P&C Attachments** make quick work of many tightening jobs. Universal Joints and Universal Sockets work smoothly even at extreme angles. Socket screwdrivers give a positive fit to prevent slot damage. Ratchetors, for converting non-ratcheting handles into a ratcheting device, add to the convenience of many tools and are designed to be easily reversed and smooth to operate.

Available in  $\frac{1}{4}$ ",  $\frac{3}{8}$ ",  $\frac{1}{2}$ ",  $\frac{3}{4}$ " and 1" square drive sizes plus power and impact styles... there is a P&C Socket or attachment to fit every need.



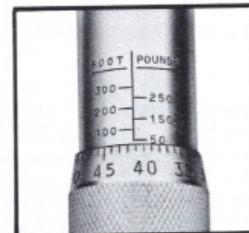
## TORQUE-LIMITING WRENCHES



Use this wrench around corners... in the dark.  
It works automatically.

The simple, easy-to-use P&C Torquer is foolproof, safe and versatile. It is the fastest torquer on the market. It gives positive torque-limiting action every time. There are no sounds to listen for and no dials to watch. It resets itself automatically. The all steel construction assures years of trouble-free use. The streamlined design lets it fit into tight spots. The automatic "clicking" signal "talks" to you through the handle. Knurled handle sets easily to the precise ft./lb. or in./lb. torque with easy to read micrometer type settings. Built-in lock holds setting during use. Eight models to pick from in plain or ratchet head.

U.S. Patent No. 3,140,623

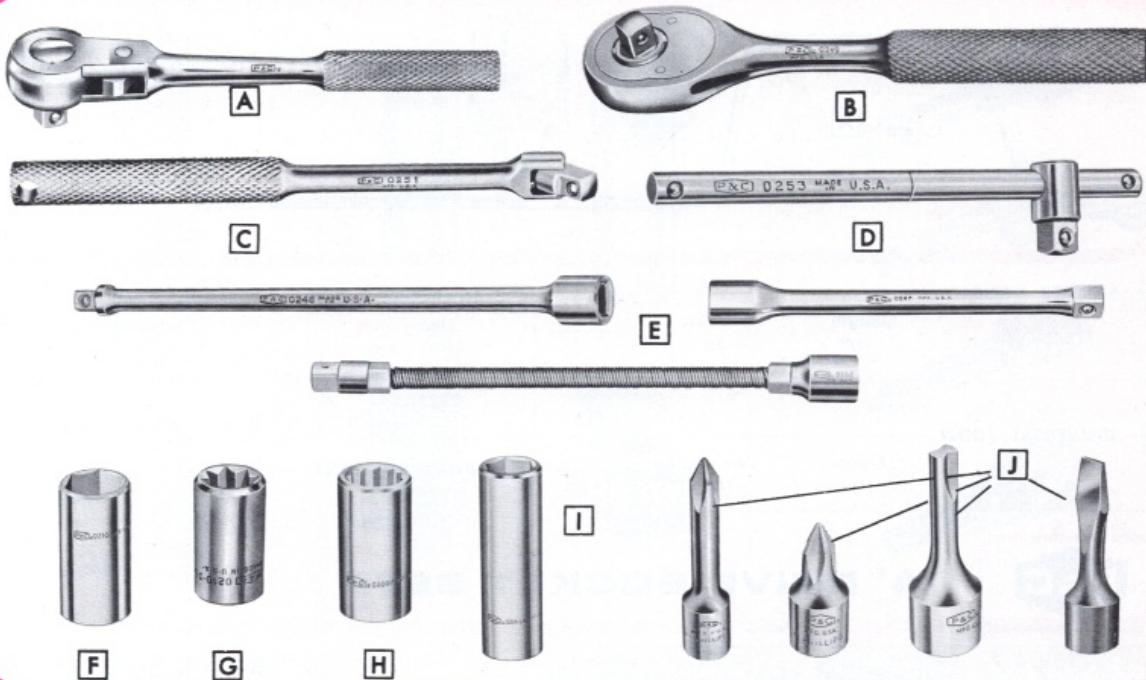


| No.  | Drive Size      | Type Head | Capacity          | Overall Length     | Wt. Lbs. |
|------|-----------------|-----------|-------------------|--------------------|----------|
| 6306 | $\frac{3}{8}$ " | Ratchet   | 0-80 Ft./lb.      | 14"                | 1.44     |
| 6308 | $\frac{1}{2}$ " | Ratchet   | 0-80 Ft./lb.      | 14"                | 1.50     |
| 6315 | $\frac{1}{2}$ " | Plain     | 10-150 Ft./lb.    | 17 $\frac{1}{2}$ " | 2.31     |
| 6316 | $\frac{1}{2}$ " | Ratchet   | 10-150 Ft./lb.    | 17 $\frac{3}{4}$ " | 2.50     |
| 6317 | $\frac{3}{4}$ " | Plain     | 100-500 Ft./lb.   | 37"                | 8.75     |
| 6318 | $\frac{3}{4}$ " | Ratchet   | 50-300 Ft./lb.    | 33"                | 7.56     |
| 6361 | $\frac{1}{4}$ " | Plain     | 0-150 In./lb.     | 9 $\frac{1}{4}$ "  | .94      |
| 6371 | $\frac{3}{4}$ " | Plain     | 1200-6000 In./lb. | 37"                | 8.75     |

# 1/4" DRIVE SOCKETS, HANDLES AND ATTACHMENTS

P&C

31



**A REVERSIBLE RATCHET—SMALL HEAD**

| No.   | Length | Wt. Lbs. |
|-------|--------|----------|
| 0246* | 4½"    | .18      |

**B REVERSIBLE RATCHET—CLOSED HEAD**

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 0249 | 5"     | .21      |

**C HINGE HANDLE**

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 0251 | 5½"    | .16      |

**D SLIDING-T HANDLE**

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 0253 | 4½"    | .08      |

**E EXTENSIONS**

| No.  | Length        | Wt. Lbs. |
|------|---------------|----------|
| 0247 | 3½"           | .06      |
| 0248 | 6"            | .10      |
| 0262 | 2"            | .04      |
| 0263 | 14"           | .15      |
| 0265 | 6" (Flexible) | .08      |

**F 6-POINT SOCKETS (All 7/8" Length)**

| No.  | Size   | Wt. Lbs. |
|------|--------|----------|
| 0206 | 5/16"  | .02      |
| 0207 | 7/32"  | .02      |
| 0208 | 1/4"   | .02      |
| 0209 | 9/32"  | .03      |
| 0210 | 5/16"  | .03      |
| 0211 | 11/32" | .03      |
| 0212 | 3/8"   | .04      |
| 0214 | 7/16"  | .05      |

**G 8-POINT SOCKETS (All 7/8" Length)**

| No.    | Size  | Wt. Lbs. |
|--------|-------|----------|
| 0208-S | 1/4"  | .02      |
| 0210-S | 5/16" | .04      |
| 0212-S | 3/8"  | .05      |

**H 12-POINT SOCKETS (All 7/8" Length)**

| No.    | Size   | Wt. Lbs. |
|--------|--------|----------|
| 0207-T | 7/32"  | .02      |
| 0208-T | 1/4"   | .02      |
| 0209-T | 9/32"  | .02      |
| 0210-T | 5/16"  | .02      |
| 0211-T | 11/32" | .03      |
| 0212-T | 3/8"   | .03      |
| 0214-T | 7/16"  | .04      |
| 0216-T | 1/2"   | .05      |

**I 6-POINT EXTRA DEEP SOCKETS (All 2" Length)**

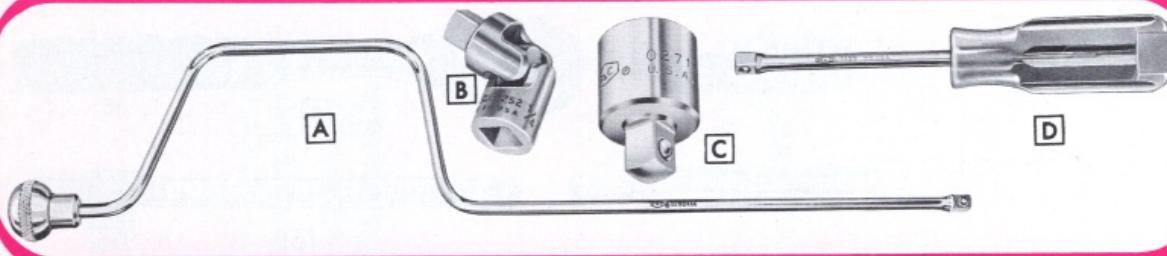
| No.    | Size   | Wt. Lbs. |
|--------|--------|----------|
| 0208-L | 1/4"   | .04      |
| 0209-L | 7/32"  | .04      |
| 0210-L | 5/16"  | .04      |
| 0211-L | 11/32" | .07      |
| 0212-L | 3/8"   | .09      |
| 0214-L | 7/16"  | .11      |

**J SCREWDRIVER SOCKETS**

| No.    | Bit Size   | Length | Wt. Lbs. |
|--------|--|--------|----------|
| 0235   | 5/32" Clutch Head                                    | 1½"    | .04      |
| 0236   | 3/16" Clutch Head                                    | 1½"    | .04      |
| 0237   | Phillips No. 1                                       | 1"     | .02      |
| 0237-L | Phillips No. 1                                       | 2"     | .03      |
| 0238   | Phillips No. 2                                       | 1"     | .02      |
| 0238-L | Phillips No. 2                                       | 2"     | .03      |
| 0244   | 5/16" x .030"  | 1¾"    | .03      |
| 0245   | 1/4" x .030"   | 3"     | .06      |
| 6535   | Two-Prong Special<br>Driver for Chev.<br>Distributor | 1½"    | .02      |

\*SEE PRICE LIST FOR REPLACEMENT PARTS

P&C Sockets are clearly size marked for ease and convenience in use.

**1/4" DRIVE SOCKETS,  
HANDLES AND ATTACHMENTS****A SPEEDER HANDLE**

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 0280 | 16"    | .40      |

**B UNIVERSAL JOINT**

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 0252 | 1 1/4" | .03      |

**C ADAPTORS**

| No.  | Length          | Wt. Lbs.   |
|------|-----------------|--|
| 0271 | 3/8" F x 1/4" M | 1 5/16" .03<br>(Adapts 3/8" drive handles to 1/4" drive sockets) |
| 0272 | 1/4" F x 3/8" M | 1 5/16" .05<br>(Adapts 1/4" drive handles to 3/8" drive sockets) |

**D SPINNER HANDLE**

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 0259 | 6"     | .14      |

**1/4" DRIVE SOCKET SETS**

Set No. 0200C



Set No. 0200F

**1/4" DRIVE SOCKET SETS**

| No.    | Description   | Set No. 0200A | Set No. 0200C | Set No. 0200D | Set No. 0200F |
|--------|---|---------------|---------------|---------------|---------------|
| 0206   | Regular Socket, 6 pt. 3/16"                               | ..            | ..            | X             | X             |
| 0207   | Regular Socket, 6 pt. 5/32"                               | X             | X             | X             | X             |
| 0208   | Regular Socket, 6 pt. 1/4"                                | X             | X             | X             | X             |
| 0209   | Regular Socket, 6 pt. 9/32"                               | X             | X             | X             | X             |
| 0210   | Regular Socket, 6 pt. 5/16"                               | X             | X             | X             | X             |
| 0211   | Regular Socket, 6 pt. 11/32"                              | X             | X             | X             | X             |
| 0212   | Regular Socket, 6 pt. 3/8"                                | X             | X             | X             | X             |
| 0214   | Regular Socket, 6 pt. 7/16"                               | X             | X             | X             | X             |
| 0216-T | Regular Socket, 12 pt. 1/2"                               | ..            | ..            | X             | ..            |
| 0208-L | Deep Socket, 6 pt. 1/4"                                   | ..            | ..            | X             | ..            |
| 0209-L | Deep Socket, 6 pt. 9/32"                                  | ..            | ..            | X             | ..            |
| 0210-L | Deep Socket, 6 pt. 5/16"                                  | ..            | ..            | X             | ..            |
| 0211-L | Deep Socket, 6 pt. 11/32"                                 | ..            | ..            | X             | ..            |
| 0212-L | Deep Socket, 6 pt. 3/8"                                   | ..            | ..            | X             | ..            |
| 0214-L | Deep Socket, 6 pt. 7/16"                                  | ..            | ..            | X             | ..            |
| 0208-S | Regular Socket, 8 pt. 1/4"                                | X             | X             | X             | X             |
| 0210-S | Regular Socket, 8 pt. 5/16"                               | X             | X             | X             | X             |
| 0212-S | Regular Socket, 8 pt. 3/8"                                | ..            | ..            | X             | X             |
| 0237   | Phillips No. 1 Socket Screwdriver                         | ..            | ..            | X             | ..            |
| 0238   | Phillips No. 2 Socket Screwdriver                         | ..            | ..            | X             | ..            |
| 0244   | Screwdriver, 5/16" x .030"                                | ..            | ..            | X             | ..            |
| 0245   | Screwdriver, 1/4" x .030"                                 | ..            | ..            | X             | ..            |
| 0246   | Reversible Ratchet  | ..            | X             | X             | X             |
| 0247   | Extension, 3 1/2"   | ..            | ..            | X             | X             |
| 0248   | Extension, 6"   | ..            | ..            | X             | X             |
| 0251   | Hinge Handle, 5 1/2"                                      | ..            | ..            | X             | X             |
| 0252   | Universal Joint, 1 1/4"                                   | ..            | ..            | X             | ..            |
| 0253   | Sliding T-Handle, 4 1/2"                                  | X             | X             | X             | ..            |
| 0259   | Spinner Handle, 6"  | X             | X             | X             | ..            |
| 0265   | Flexible Extension, 6"                                    | ..            | ..            | X             | ..            |
| 4795-P | Molded Plastic Box of Polypropylene, 6 3/4" x 3" x 1 1/8" | X             | X             | ..            | X             |
| 4796   | Metal Box, 12" x 3 1/2" x 1 1/8"                          | ..            | ..            | X             | ..            |
| 4795   | Metal Box, 6 3/4" x 3" x 1 1/4"                           | ..            | ..            | ..            | ..            |

To get above sets in metal instead of lifetime plastic, order 0200AM, 0200CM, 0200FM.

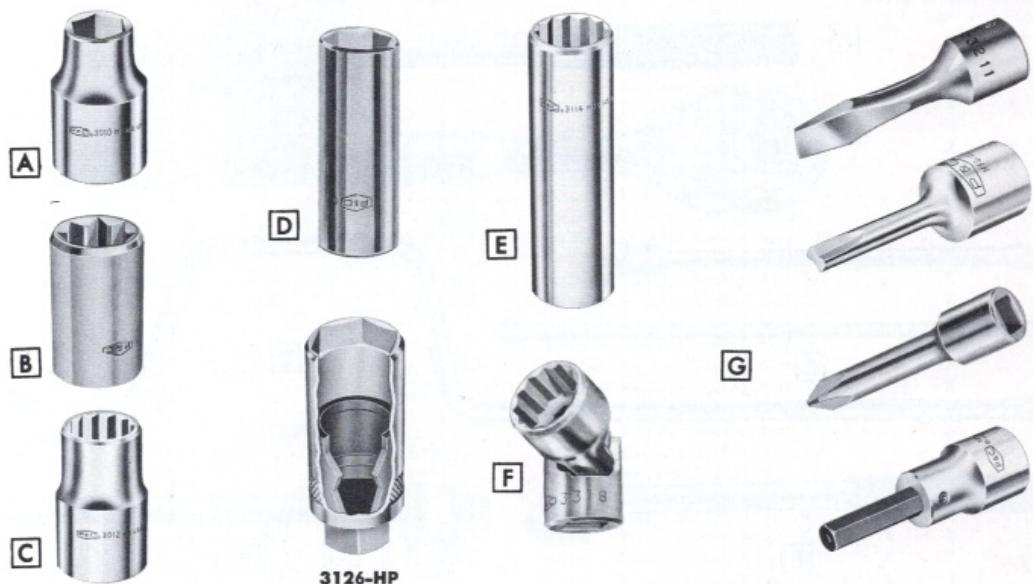
Weight of sets in plastic box 1.00 1.16 2.93 1.90



# 3/8" DRIVE SOCKETS, HANDLES AND ATTACHMENTS

P&C

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3126-HP

## A 6-POINT SOCKETS

| No.    | Opening Size | Length  | Wt. Lbs. |
|--------|--------------|---------|----------|
| 3010-H | 5/16"        | 1"      | .04      |
| 3012-H | 3/8"         | 1"      | .04      |
| 3014-H | 7/16"        | 1"      | .04      |
| 3016-H | 1/2"         | 1"      | .04      |
| 3018-H | 9/16"        | 1"      | .05      |
| 3020-H | 5/8"         | 1"      | .07      |
| 3022-H | 11/16"       | 1 1/16" | .10      |

## B 8-POINT SOCKETS

| No.     | Opening Size | Length  | Wt. Lbs. |
|---------|--------------|---------|----------|
| 3008-S  | 1/4"         | 1"      | .04      |
| 3009-S* | 5/16"        | 1 1/16" | .04      |
| 3010-S  | 3/8"         | 1 1/16" | .04      |
| 3012-S  | 7/16"        | 1 1/16" | .06      |
| 3014-S  | 1/2"         | 1 1/16" | .07      |
| 3016-S  | 9/16"        | 1 1/8"  | .10      |

\*Special 4-point socket fits drain plug on Dynaflow torque converter.

## C 12-POINT SOCKETS

| No.  | Opening Size | Length  | Wt. Lbs. |
|------|--------------|---------|----------|
| 3010 | 5/16"        | 1"      | .04      |
| 3012 | 3/8"         | 1"      | .04      |
| 3014 | 7/16"        | 1"      | .04      |
| 3016 | 1/2"         | 1"      | .04      |
| 3018 | 9/16"        | 1"      | .05      |
| 3019 | 11/16"       | 1"      | .06      |
| 3020 | 5/8"         | 1"      | .07      |
| 3022 | 13/16"       | 1 1/16" | .10      |
| 3024 | 3/4"         | 1 1/16" | .13      |
| 3026 | 15/16"       | 1 1/16" | .15      |
| 3028 | 7/8"         | 1 1/16" | .17      |

## D 6-POINT EXTRA DEEP SOCKETS

| No.      | Opening Size | Length | Wt. Lbs. |
|----------|--------------|--------|----------|
| 3112-H   | 3/8"         | 2 1/8" | .10      |
| 3114-H   | 7/16"        | 2 1/8" | .10      |
| 3116-H   | 1/2"         | 2 1/8" | .12      |
| 3118-H   | 9/16"        | 2 1/8" | .14      |
| 3120-H   | 5/8"         | 2 1/8" | .16      |
| 3122-H   | 11/16"       | 2 1/8" | .21      |
| 3126-HP* | 13/16"       | 2 1/2" | .28      |

\*Special Spark Plug Socket with Neoprene Insert. Hex head permits turning with a wrench.

## E 12-POINT EXTRA DEEP SOCKETS

| No.  | Opening Size | Length | Wt. Lbs. |
|------|--------------|--------|----------|
| 3112 | 3/8"         | 2 1/8" | .10      |
| 3114 | 7/16"        | 2 1/8" | .10      |
| 3116 | 1/2"         | 2 1/8" | .10      |
| 3118 | 9/16"        | 2 1/8" | .12      |
| 3120 | 5/8"         | 2 1/8" | .15      |
| 3122 | 11/16"       | 2 1/8" | .18      |
| 3124 | 3/4"         | 2 1/8" | .20      |
| 3126 | 13/16"       | 2 3/8" | .28      |
| 3128 | 7/8"         | 2 3/8" | .28      |

## F 12-POINT UNIVERSAL SOCKETS

| No.  | Opening Size | Length  | Wt. Lbs. |
|------|--------------|---------|----------|
| 3312 | 3/8"         | 1 1/2"  | .10      |
| 3314 | 7/16"        | 1 1/2"  | .10      |
| 3316 | 1/2"         | 1 1/2"  | .10      |
| 3318 | 9/16"        | 1 1/16" | .11      |
| 3320 | 5/8"         | 1 3/4"  | .12      |
| 3322 | 11/16"       | 1 7/8"  | .13      |
| 3324 | 3/4"         | 2"      | .15      |

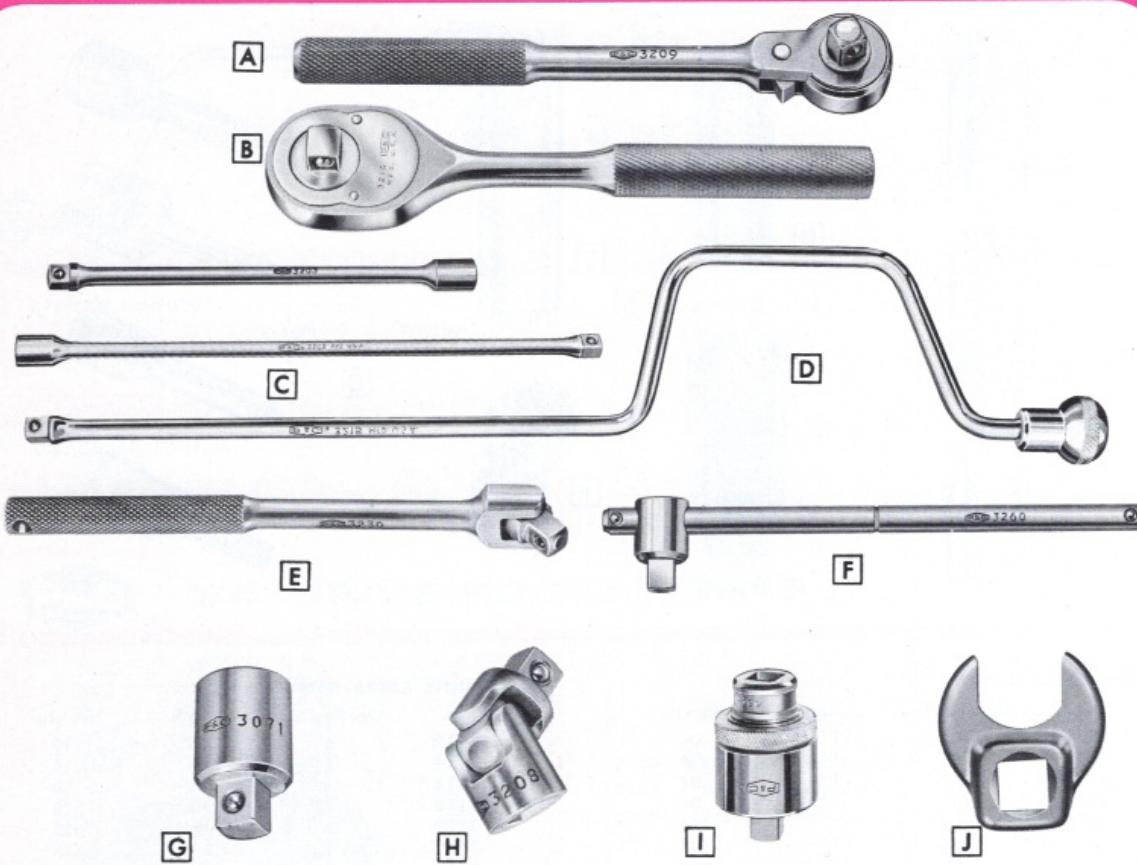
## G SCREWDRIVER SOCKETS

| No.          | Description        | Size    | Length  | Wt. Lbs. |
|--------------|--------------------|---------|---------|----------|
| 3075         | Regular Type       | 1 1/16" | 1"      | .08      |
| 3211         | Regular Type       | 5/16"   | 2 1/2"  | .08      |
| 3235         | Clutch Head        | 1/4"    | 2"      | .08      |
| 3236         | Clutch Head        | 5/16"   | 2"      | .08      |
| 3237         | Clutch Head        | 3/8"    | 2"      | .08      |
| 3241         | Phillips           | No. 2   | 1 1/8"  | .05      |
| 3242         | Phillips           | No. 3   | 1 1/8"  | .05      |
| 3243         | Phillips           | No. 4   | 1 1/8"  | .06      |
| 3246         | Regular Type       | 1/4"    | 1 1/8"  | .06      |
| 3290-1/8"    | Hollow Head Screws | 1/8"    | 2"      | .05      |
| 3290-5/32"   | Hollow Head Screws | 5/32"   | 2"      | .06      |
| 3290-3/16"   | Hollow Head Screws | 3/16"   | 2"      | .06      |
| 3290-3/32"   | Hollow Head Screws | 3/32"   | 3"      | .07      |
| 3290-1/4" L* | Hollow Head Screws | 1/4"    | 2 1/8"  | .08      |
| 3290-1/4"    | Hollow Head Screws | 1/4"    | 2 1/8"  | .09      |
| 3290-1/4" L† | Hollow Head Screws | 1/4"    | 2 5/8"  | .10      |
| 3290-5/16"   | Hollow Head Screws | 5/16"   | 2 1/4"  | .11      |
| 3290-3/8"    | Hollow Head Screws | 3/8"    | 2 1/4"  | .13      |
| 3290-5/8"    | Hollow Head Screws | 5/8"    | 3 1/16" | .14      |

\*For GM Automatic Transmissions.

†For Chevrolet Camber Adjustment.

‡For Ford brakes and Ford, Edsel, Mercury differential filler plugs.

**A REVERSIBLE RATCHET—SMALL HEAD**

Small, narrow-head design. Exposed reversing dog.

| No.   | Length | Wt. Lbs. |
|-------|--------|----------|
| 3209* | 7 1/4" | .50      |

**B REVERSIBLE RATCHET—CLOSED HEAD**

Completely enclosed head. Keeps ratcheting and reversing mechanism free of dirt.

| No.   | Length | Wt. Lbs. |
|-------|--------|----------|
| 3210* | 7"     | .55      |

**C EXTENSIONS**

| No.  | Length  | Wt. Lbs. |
|------|---------|----------|
| 3201 | 1 3/4"  | .09      |
| 3202 | 3 1/2"  | .13      |
| 3203 | 8"      | .25      |
| 3205 | 12 1/2" | .38      |
| 3206 | 18 1/2" | .55      |

**D SPEEDER HANDLE**

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 3215 | 18"    | .83      |

**E HINGE HANDLE**

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 3230 | 7 1/2" | .35      |
| 3231 | 12"    | .83      |

\*See price list for individual replacement parts.

**F SLIDING T-HANDLE**

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 3260 | 7 1/2" | .35      |

**G ADAPTORS**

| No.  | Length   | Wt. Lbs. |
|------|--|----------|
| 3071 | 1/2" F x 3/8" M<br>(Adapts 1/2" handles to 3/8" drive sockets) | .13      |
| 3072 | 3/8" F x 1/2" M<br>(Adapts 3/8" handles to 1/2" drive sockets) | .10      |

**H UNIVERSAL JOINT**

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 3208 | 1 3/4" | .10      |

**I RATCHETOR**

Converts any non-ratcheting handle into a reversible ratcheting device.

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 3247 | 2"     | .33      |

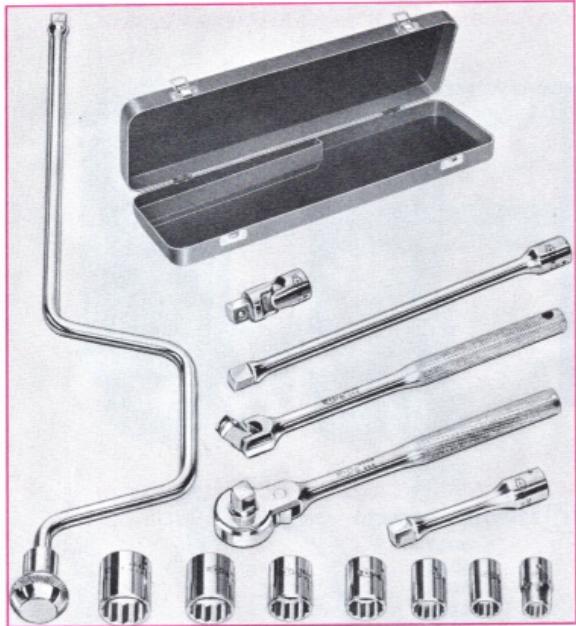
**J CROW FOOT WRENCHES**

| No.  | Opening | Length   | Wt. Lbs. |
|------|---------|----------|----------|
| 3412 | 3/8"    | 1 1/8"   | .05      |
| 3414 | 7/16"   | 1 1/8"   | .05      |
| 3416 | 1/2"    | 1 1/8"   | .05      |
| 3418 | 9/16"   | 1 13/32" | .08      |
| 3420 | 5/8"    | 1 1/8"   | .08      |
| 3422 | 11/16"  | 1 1/8"   | .08      |
| 3424 | 3/4"    | 1 1/8"   | .14      |

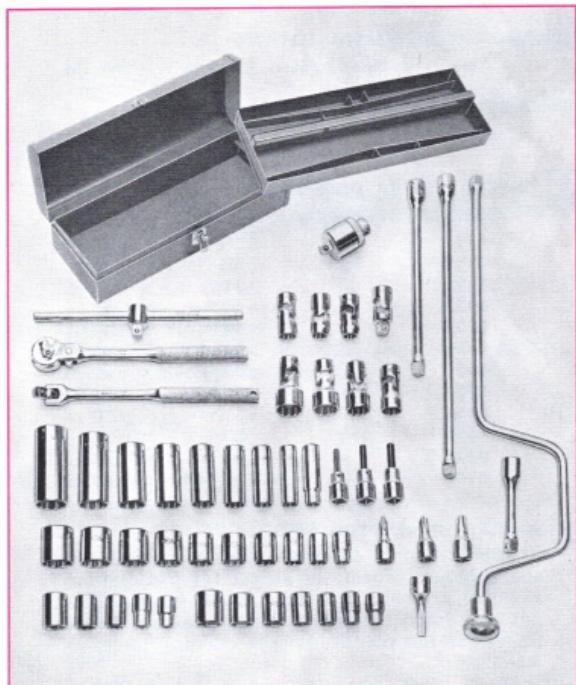
## 3/8" DRIVE SOCKET SETS

P&C

**35**



Set No. 3000K



Set No. 3000G

| No.                    | Description                                 | Set No. 3100A | Set No. 3000G | Set No. 3000K | Set No. 3000NR |
|------------------------|---|---------------|---------------|---------------|----------------|
| 3012                   | Regular Socket, 12-pt. $\frac{3}{16}$ "     | ..            | X             | X             | X              |
| 3014                   | Regular Socket, 12-pt. $\frac{7}{16}$ "     | ..            | X             | X             | X              |
| 3016                   | Regular Socket, 12-pt. $\frac{1}{2}$ "      | ..            | X             | X             | X              |
| 3018                   | Regular Socket, 12-pt. $\frac{9}{16}$ "     | ..            | X             | X             | X              |
| 3019                   | Regular Socket, 12-pt. $\frac{19}{32}$ "    | ..            | X             | ..            | ..             |
| 3020                   | Regular Socket, 12-pt. $\frac{5}{8}$ "      | ..            | X             | X             | X              |
| 3022                   | Regular Socket, 12-pt. $\frac{11}{16}$ "    | ..            | X             | X             | X              |
| 3024                   | Regular Socket, 12-pt. $\frac{3}{4}$ "      | ..            | X             | X             | X              |
| 3026                   | Regular Socket, 12-pt. $\frac{13}{16}$ "    | ..            | X             | ..            | ..             |
| 3028                   | Regular Socket, 12-pt. $\frac{7}{8}$ "      | ..            | X             | ..            | ..             |
| 3010-H                 | Regular Socket, 6-pt. $\frac{5}{16}$ "      | ..            | X             | ..            | ..             |
| 3012-H                 | Regular Socket, 6-pt. $\frac{3}{8}$ "       | ..            | X             | ..            | ..             |
| 3014-H                 | Regular Socket, 6-pt. $\frac{7}{16}$ "      | ..            | X             | ..            | ..             |
| 3016-H                 | Regular Socket, 6-pt. $\frac{1}{2}$ "       | ..            | X             | ..            | ..             |
| 3018-H                 | Regular Socket, 6-pt. $\frac{9}{16}$ "      | ..            | X             | ..            | ..             |
| 3020-H                 | Regular Socket, 6-pt. $\frac{5}{8}$ "       | ..            | X             | ..            | ..             |
| 3022-H                 | Regular Socket, 6-pt. $\frac{11}{16}$ "     | ..            | X             | ..            | ..             |
| 3008-S                 | Regular Socket, 8-pt. $\frac{1}{4}$ "       | ..            | X             | ..            | ..             |
| 3010-S                 | Regular Socket, 8-pt. $\frac{5}{16}$ "      | ..            | X             | ..            | ..             |
| 3012-S                 | Regular Socket, 8-pt. $\frac{3}{8}$ "       | ..            | X             | ..            | ..             |
| 3014-S                 | Regular Socket, 8-pt. $\frac{7}{16}$ "      | ..            | X             | ..            | ..             |
| 3016-S                 | Regular Socket, 8-pt. $\frac{1}{2}$ "       | ..            | X             | ..            | ..             |
| 3112                   | Deep Socket, 12-pt. $\frac{3}{16}$ "        | X             | X             | ..            | ..             |
| 3114                   | Deep Socket, 12-pt. $\frac{7}{16}$ "        | X             | X             | ..            | ..             |
| 3116                   | Deep Socket, 12-pt. $\frac{1}{2}$ "         | X             | X             | ..            | ..             |
| 3118                   | Deep Socket, 12-pt. $\frac{9}{16}$ "        | X             | X             | ..            | ..             |
| 3120                   | Deep Socket, 12-pt. $\frac{5}{8}$ "         | X             | X             | ..            | ..             |
| 3122                   | Deep Socket, 12-pt. $\frac{11}{16}$ "       | X             | X             | ..            | ..             |
| 3124                   | Deep Socket, 12-pt. $\frac{3}{4}$ "         | X             | X             | ..            | ..             |
| 3126                   | Deep Socket, 12-pt. $\frac{13}{16}$ "       | X             | X             | ..            | ..             |
| 3128                   | Deep Socket, 12-pt. $\frac{7}{8}$ "         | X             | X             | ..            | ..             |
| 5096                   | Metal Tray                                  | X             | ..            | ..            | ..             |
| 3202                   | Extension, 3 $\frac{1}{2}$ "                | ..            | X             | X             | X              |
| 3203                   | Extension, 8"                               | ..            | X             | X             | ..             |
| 3205                   | Extension, 12 $\frac{1}{2}$ "               | ..            | X             | ..            | ..             |
| 3208                   | Universal Joint, 1 $\frac{3}{4}$ "          | ..            | X             | X             | ..             |
| 3209                   | Reversible Ratchet, 7 $\frac{1}{4}$ "       | ..            | X             | X             | X              |
| 3215                   | Speeder Handle                              | ..            | X             | X             | ..             |
| 3230                   | Hinge Handle                                | ..            | X             | X             | X              |
| 3241                   | No. 2 Phillips Screwdriver                  | ..            | X             | ..            | ..             |
| 3242                   | No. 3 Phillips Screwdriver                  | ..            | X             | ..            | ..             |
| 3243                   | No. 4 Phillips Screwdriver                  | ..            | X             | ..            | ..             |
| 3246                   | Socket Screwdriver, $\frac{1}{4}$ " x .030" | ..            | X             | ..            | ..             |
| 3247                   | Ratcheting, 2"                              | ..            | X             | ..            | ..             |
| 3260                   | Sliding T-Handle                            | ..            | X             | ..            | ..             |
| 3290- $\frac{1}{16}$ " | Hollow Hd. Screw Socket                     | ..            | X             | ..            | ..             |
| 3290- $\frac{5}{32}$ " | Hollow Hd. Screw Socket                     | ..            | X             | ..            | ..             |
| 3290- $\frac{3}{16}$ " | Hollow Hd. Screw Socket                     | ..            | X             | ..            | ..             |
| 3290- $\frac{7}{32}$ " | Hollow Hd. Screw Socket                     | ..            | X             | ..            | ..             |
| 3290- $\frac{1}{4}$ "  | Hollow Hd. Screw Socket                     | ..            | X             | ..            | ..             |
| 3312                   | Universal Socket, 12-pt. $\frac{3}{16}$ "   | ..            | X             | ..            | ..             |
| 3314                   | Universal Socket, 12-pt. $\frac{7}{16}$ "   | ..            | X             | ..            | ..             |
| 3316                   | Universal Socket, 12-pt. $\frac{1}{2}$ "    | ..            | X             | ..            | ..             |
| 3318                   | Universal Socket, 12-pt. $\frac{9}{16}$ "   | ..            | X             | ..            | ..             |
| 3320                   | Universal Socket, 12-pt. $\frac{5}{8}$ "    | ..            | X             | ..            | ..             |
| 3322                   | Universal Socket, 12-pt. $\frac{11}{16}$ "  | ..            | X             | ..            | ..             |
| 3324                   | Universal Socket, 12-pt. $\frac{3}{4}$ "    | ..            | X             | ..            | ..             |
| 5295                   | Metal Box                                   | ..            | ..            | X             | X              |
| 5296                   | Metal Box                                   | ..            | ..            | X             | ..             |

Wt. Lbs. 2.02 17.50 4.90 3.70

Note: To order set 3000K without box order No. 3000KK.

To order set 3000G without box order No. 3000GG.

### 3000-A HOLLOW HEAD SCREW SOCKET SET

| No.                    | Description                                      |
|------------------------|--|
| 3290- $\frac{1}{16}$ " | $\frac{3}{8}$ " drive, $\frac{1}{8}$ " bit size  |
| 3290- $\frac{5}{32}$ " | $\frac{3}{8}$ " drive, $\frac{5}{32}$ " bit size |
| 3290- $\frac{3}{16}$ " | $\frac{3}{8}$ " drive, $\frac{3}{16}$ " bit size |
| 3290- $\frac{7}{32}$ " | $\frac{3}{8}$ " drive, $\frac{7}{32}$ " bit size |
| 3290- $\frac{1}{4}$ "  | $\frac{3}{8}$ " drive, $\frac{1}{4}$ " bit size  |
| 3290- $\frac{5}{16}$ " | $\frac{3}{8}$ " drive, $\frac{5}{16}$ " bit size |
| 3290- $\frac{3}{8}$ "  | $\frac{3}{8}$ " drive, $\frac{3}{8}$ " bit size  |
| 6290- $\frac{1}{2}$ "  | $\frac{1}{2}$ " drive, $\frac{1}{2}$ " bit size  |
| 6290- $\frac{9}{16}$ " | $\frac{1}{2}$ " drive, $\frac{9}{16}$ " bit size |
| 6290- $\frac{5}{8}$ "  | $\frac{1}{2}$ " drive, $\frac{5}{8}$ " bit size  |
| 4997                   | Metal Tray                                       |

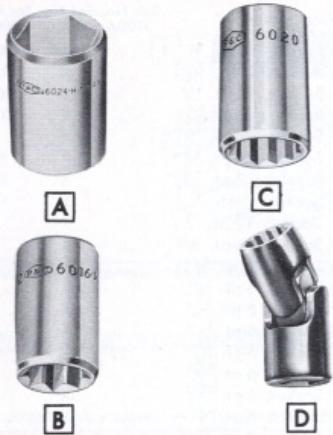
Wt. Lbs. 2.40



Set No. 3000A



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**A 6-POINT SOCKETS**

| No.    | Opening Size | Length | Wt. Lbs. |
|--------|--------------|--------|----------|
| 6012-H | 3/8"         | 1 3/8" | .09      |
| 6014-H | 7/16"        | 1 3/8" | .10      |
| 6016-H | 1/2"         | 1 3/8" | .10      |
| 6018-H | 9/16"        | 1 3/8" | .10      |
| 6020-H | 5/8"         | 1 3/8" | .11      |
| 6022-H | 11/16"       | 1 3/8" | .12      |
| 6024-H | 3/4"         | 1 3/8" | .13      |

**B 8-POINT SOCKETS**

| No.    | Opening Size | Length | Wt. Lbs. |
|--------|--------------|--------|----------|
| 6012-S | 3/8"         | 1 3/8" | .13      |
| 6014-S | 7/16"        | 1 3/8" | .13      |
| 6016-S | 1/2"         | 1 3/8" | .13      |
| 6018-S | 9/16"        | 1 3/8" | .18      |
| 6020-S | 5/8"         | 1 3/8" | .18      |
| 6022-S | 11/16"       | 1 1/2" | .25      |
| 6024-S | 3/4"         | 1 3/8" | .36      |
| 6026-S | 13/16"       | 1 3/8" | .39      |
| 6028-S | 7/8"         | 1 3/8" | .45      |
| 6032-S | 1"           | 1 3/4" | .76      |

**C 12-POINT SOCKETS**

| No.  | Opening Size | Length | Wt. Lbs. |
|------|--------------|--------|----------|
| 6012 | 3/8"         | 1 3/8" | .10      |
| 6014 | 7/16"        | 1 3/8" | .10      |
| 6016 | 1/2"         | 1 3/8" | .10      |
| 6018 | 9/16"        | 1 3/8" | .10      |
| 6019 | 19/32"       | 1 3/8" | .13      |
| 6020 | 5/8"         | 1 3/8" | .13      |
| 6021 | 21/32"       | 1 3/8" | .13      |
| 6022 | 1 1/16"      | 1 3/8" | .13      |
| 6024 | 3/4"         | 1 3/8" | .15      |
| 6025 | 29/32"       | 1 3/8" | .18      |
| 6026 | 13/16"       | 1 3/8" | .20      |
| 6028 | 7/8"         | 1 3/8" | .23      |
| 6029 | 29/32"       | 1 3/8" | .25      |
| 6030 | 15/16"       | 1 1/2" | .28      |

**C 12-POINT SOCKETS —Continued**

|      |         |         |     |
|------|---------|---------|-----|
| 6031 | 3 1/32" | 1 1/2"  | .28 |
| 6032 | 1"      | 1 1/2"  | .33 |
| 6034 | 1 1/16" | 1 1/16" | .38 |
| 6036 | 1 1/8"  | 1 1/8"  | .40 |
| 6038 | 1 3/16" | 1 1/16" | .45 |
| 6040 | 1 1/4"  | 1 1/4"  | .65 |

**D 12-POINT UNIVERSAL SOCKETS**

| No.    | Opening Size | Length  | Wt. Lbs. |
|--------|--------------|---------|----------|
| 6016-K | 1/2"         | 2 5/64" | .25      |
| 6018-K | 7/16"        | 2 1/64" | .24      |
| 6020-K | 5/8"         | 2 1/64" | .25      |

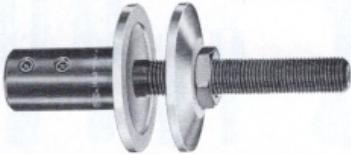
**E 12-POINT EXTRA DEEP SOCKETS**

| No.  | Opening Size | Length | Wt. Lbs. |
|------|--------------|--------|----------|
| 6116 | 1/2"         | 3 1/4" | .23      |
| 6118 | 9/16"        | 3 1/4" | .23      |
| 6120 | 5/8"         | 3 1/4" | .23      |
| 6122 | 11/16"       | 3 1/4" | .25      |
| 6124 | 3/4"         | 3 1/4" | .30      |
| 6126 | 13/16"       | 3 1/4" | .35      |
| 6128 | 7/8"         | 3 1/4" | .43      |
| 6130 | 15/16"       | 3 1/4" | .45      |
| 6132 | 1"           | 3 1/4" | .50      |
| 6134 | 1 1/16"      | 3 1/4" | .63      |
| 6136 | 1 1/8"       | 3 1/4" | .65      |
| 6140 | 1 1/4"       | 3 1/4" | .92      |

**F SPECIAL SPARK PLUG SOCKET**

Synthetic rubber insert (see cutaway view) holds spark plugs securely in socket for installation or removal, prevents breakage, speeds work and helps get into hard to reach places; prevents burning fingers on hot manifolds. Hex opening for greater strength.

| No.     | Opening Size | Length | Wt. Lbs. |
|---------|--------------|--------|----------|
| 6126-HP | 13/16"       | 2 1/2" | .28      |

**ARBORS****WORK ARBORS**

Maximum capacity between the 2" diameter flanges is 2 1/4". Spindle is 1/2" in diameter with 20 threads per inch for holding power. Shank has two set-screws for sure holding to the shaft. Available in two sizes.

| No.  | Fits Shaft | Wt. Lbs. |
|------|------------|----------|
| 1658 | 1/2"       | .75      |
| 1659 | 5/8"       | .75      |

**WHEEL ARBOR**

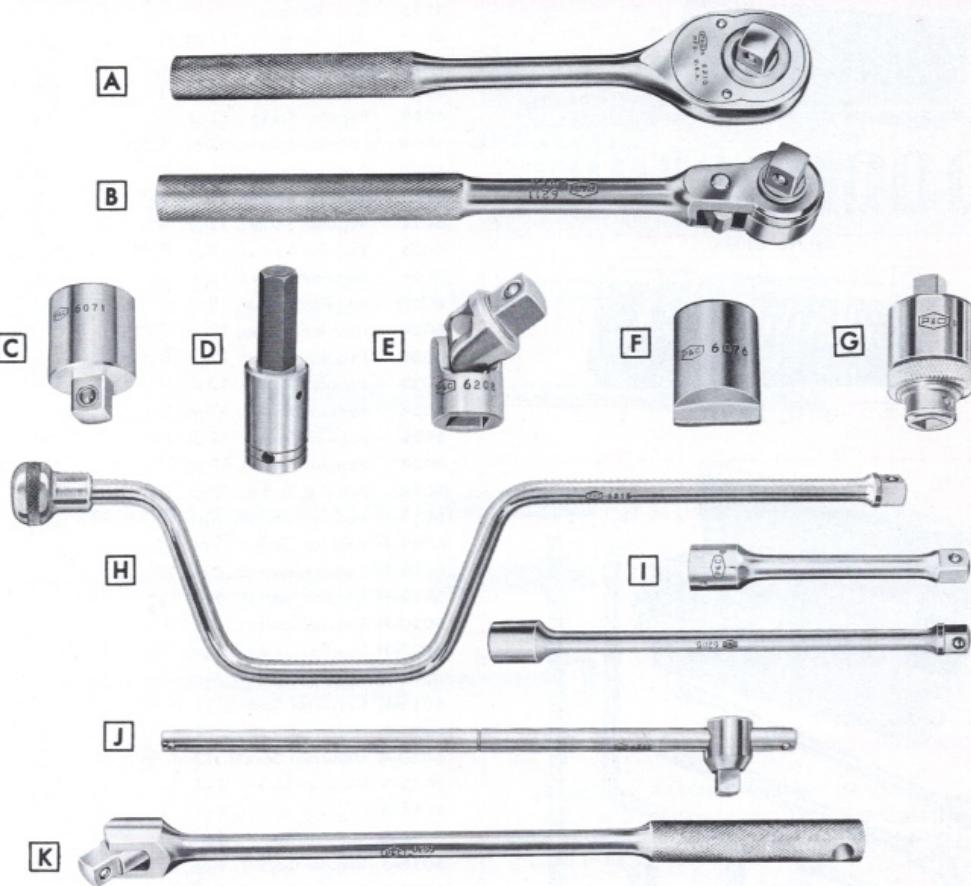
Designed for 1/4" drills. Handles 1/2" shaft diameter attachments. Maximum distance between the 1 3/8" flanges is 1". Maximum recommended wheel: 4" x 1/2". Shank is 1/4" and can be used in any three-jaw chuck of this or larger size.

| No.  | Description      | Wt. Lbs. |
|------|------------------|----------|
| 1640 | 1/4" Drill Arbor | .25      |

# 1/2" DRIVE SOCKETS, HANDLES AND ATTACHMENTS

P&C

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**A RATCHET — CLOSED HEAD**

Completely enclosed head. Keeps ratcheting and reversing mechanism free of dirt.

| No.   | Length | Wt. Lbs. |
|-------|--------|----------|
| *6210 | 10"    | 1.28     |

**B RATCHET — SMALL HEAD**

Narrow head design fits in smaller places. Exposed reversing dog works easily.

| No.   | Length  | Wt. Lbs. |
|-------|---------|----------|
| *6211 | 10 1/4" | 1.20     |
| *6212 | 16"     | 1.80     |

**C ADAPTOR**

| No.  | Length  | Wt. Lbs. |
|------|---|----------|
| 6071 | 3/4" F x 1/2" M                                   | .33      |
|      | (Adapts 3/4" drive handles to 1/2" drive sockets) |          |
| 6072 | 1/2" F x 3/4" M                                   | .25      |
|      | (Adapts 1/2" drive handles to 3/4" drive sockets) |          |

**D HOLLOW HEAD SCREW SOCKETS**

| No.       | Hex. Bit Size | Length | Wt. Lbs. |
|-----------|---------------|--------|----------|
| 6290-1/2  | 1/2"          | 3 1/8" | .37      |
| 6290-5/16 | 5/16"         | 3 3/8" | .48      |
| 6290-5/8  | 5/8"          | 3 3/8" | .52      |

**E UNIVERSAL JOINT**

| No.  | Length  | Wt. Lbs. |
|------|---------|----------|
| 6208 | 2 5/16" | .23      |

**F SCREWDRIVER SOCKETS**

| No.  | Bit Size       | Length | Wt. Lbs. |
|------|----------------|--------|----------|
| 6075 | 3/4" x .115"   | 1 1/4" | .14      |
| 6076 | 15/16" x .154" | 1 1/4" | .20      |

**G RATCHETOR**

A handy tool in any tool box. Makes any non-ratcheting handle a handy ratcheting tool.

| No.  | Length  | Wt. Lbs. |
|------|---------|----------|
| 6247 | 2 5/16" | .73      |

**H SPEEDER HANDLE**

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 6215 | 18"    | 1.43     |

**I EXTENSIONS**

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 6202 | 2 1/2" | .24      |
| 6203 | 5"     | .40      |
| 6205 | 10"    | .65      |
| 6206 | 18"    | 1.10     |

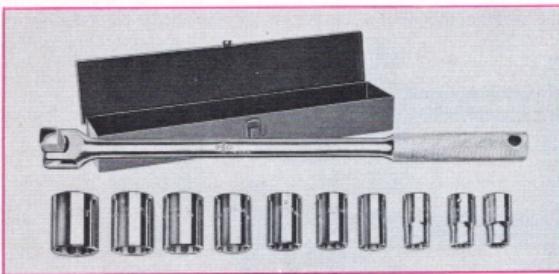
**J SLIDING T-HANDLE**

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 6265 | 13"    | 1.30     |

**K HINGE HANDLE**

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 6230 | 11"    | 1.08     |
| 6235 | 15"    | 1.56     |
| 6238 | 18"    | 1.70     |

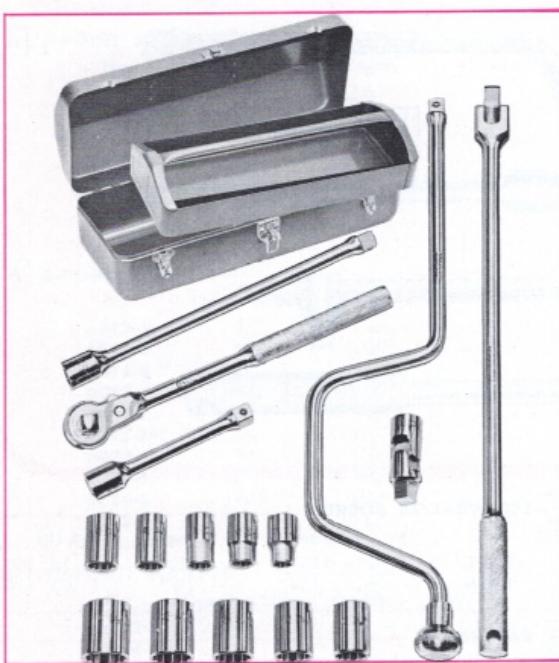
\*See Price List for Replacement Parts



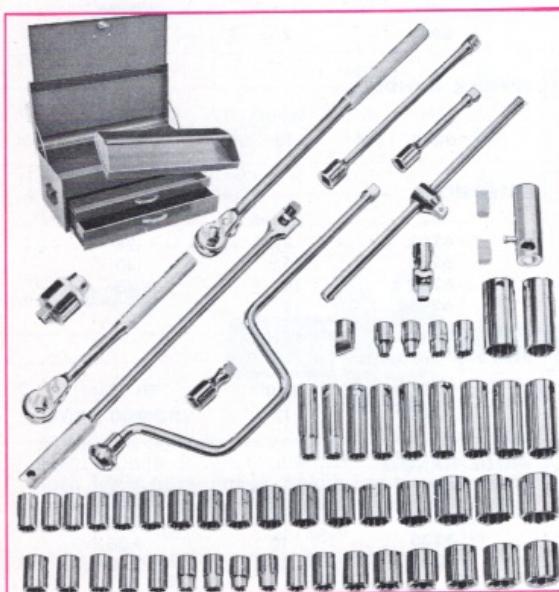
Set No. 6000-C



Set No. 6100-A



Set No. 6000K



Set No. 6000E

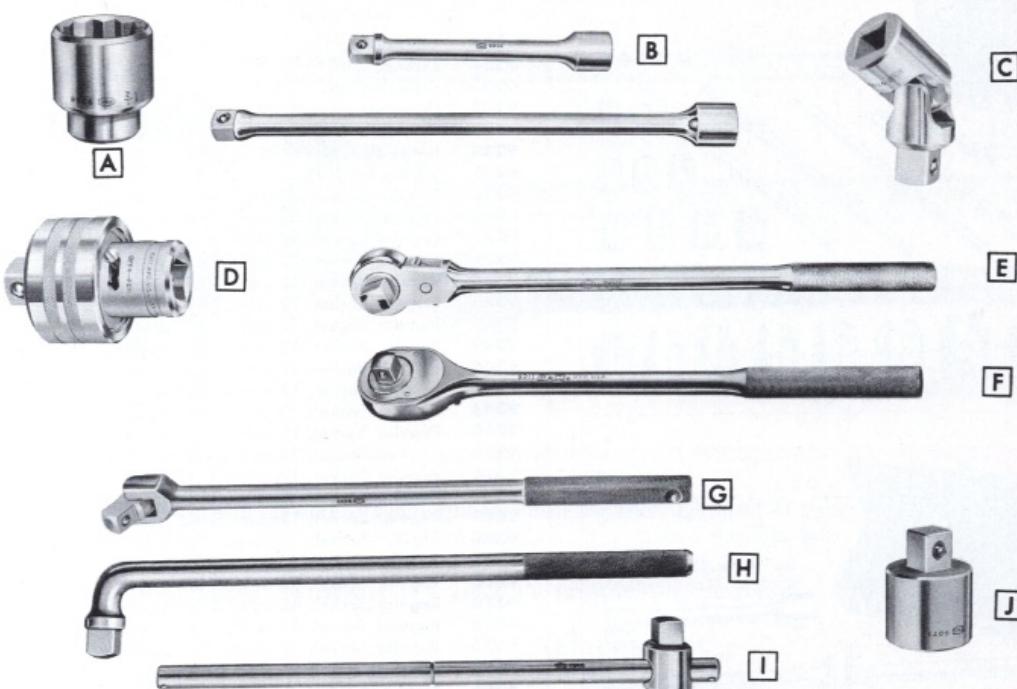
| No.           | Description                               | Set No.<br>6000C | Set No.<br>6000K | Set No.<br>6000E | Set No.<br>6100A |
|---------------|---|------------------|------------------|------------------|------------------|
| <b>4515</b>   | Stud Remover                              | ..               | ..               | X                | ..               |
| <b>6012</b>   | Regular Socket, 12-pt. $\frac{3}{16}$ "   | ..               | ..               | X                | ..               |
| <b>6014</b>   | Regular Socket, 12-pt. $\frac{7}{16}$ "   | X                | X                | X                | ..               |
| <b>6016</b>   | Regular Socket, 12-pt. $\frac{1}{2}$ "    | X                | X                | X                | ..               |
| <b>6018</b>   | Regular Socket, 12-pt. $\frac{9}{16}$ "   | X                | X                | X                | ..               |
| <b>6019</b>   | Regular Socket, 12-pt. $\frac{19}{32}$ "  | ..               | ..               | X                | ..               |
| <b>6020</b>   | Regular Socket, 12-pt. $\frac{5}{8}$ "    | X                | X                | X                | ..               |
| <b>6022</b>   | Regular Socket, 12-pt. $\frac{11}{16}$ "  | X                | X                | X                | ..               |
| <b>6024</b>   | Regular Socket, 12-pt. $\frac{3}{4}$ "    | X                | X                | X                | ..               |
| <b>6025</b>   | Regular Socket, 12-pt. $\frac{25}{32}$ "  | ..               | ..               | X                | ..               |
| <b>6026</b>   | Regular Socket, 12-pt. $\frac{13}{16}$ "  | X                | X                | X                | ..               |
| <b>6028</b>   | Regular Socket, 12-pt. $\frac{7}{8}$ "    | X                | X                | X                | ..               |
| <b>6029</b>   | Regular Socket, 12-pt. $\frac{29}{32}$ "  | ..               | ..               | X                | ..               |
| <b>6030</b>   | Regular Socket, 12-pt. $\frac{15}{16}$ "  | X                | X                | X                | ..               |
| <b>6032</b>   | Regular Socket, 12-pt. 1"                 | X                | X                | X                | ..               |
| <b>6034</b>   | Regular Socket, 12-pt. $1\frac{1}{16}$ "  | ..               | ..               | X                | ..               |
| <b>6036</b>   | Regular Socket, 12-pt. $1\frac{1}{8}$ "   | ..               | ..               | X                | ..               |
| <b>6038</b>   | Regular Socket, 12-pt. $1\frac{3}{16}$ "  | ..               | ..               | X                | ..               |
| <b>6040</b>   | Regular Socket, 12-pt. $1\frac{1}{4}$ "   | ..               | ..               | X                | ..               |
| <b>6012-H</b> | Regular Socket, 6-pt. $\frac{3}{16}$ "    | ..               | ..               | X                | ..               |
| <b>6014-H</b> | Regular Socket, 6-pt. $\frac{7}{16}$ "    | ..               | ..               | X                | ..               |
| <b>6016-H</b> | Regular Socket, 6-pt. $\frac{1}{2}$ "     | ..               | ..               | X                | ..               |
| <b>6018-H</b> | Regular Socket, 6-pt. $\frac{9}{16}$ "    | ..               | ..               | X                | ..               |
| <b>6020-H</b> | Regular Socket, 6-pt. $\frac{5}{8}$ "     | ..               | ..               | X                | ..               |
| <b>6022-H</b> | Regular Socket, 6-pt. $\frac{11}{16}$ "   | ..               | ..               | X                | ..               |
| <b>6024-H</b> | Regular Socket, 6-pt. $\frac{3}{4}$ "     | ..               | ..               | X                | ..               |
| <b>6016-K</b> | Universal Socket, 12-pt. $\frac{1}{2}$ "  | ..               | ..               | X                | ..               |
| <b>6018-K</b> | Universal Socket, 12-pt. $\frac{7}{16}$ " | ..               | ..               | X                | ..               |
| <b>6020-K</b> | Universal Socket, 12-pt. $\frac{5}{8}$ "  | ..               | ..               | X                | ..               |
| <b>6012-S</b> | Regular Socket, 8-pt. $\frac{3}{16}$ "    | ..               | ..               | X                | ..               |
| <b>6014-S</b> | Regular Socket, 8-pt. $\frac{7}{16}$ "    | ..               | ..               | X                | ..               |
| <b>6016-S</b> | Regular Socket, 8-pt. $\frac{1}{2}$ "     | ..               | ..               | X                | ..               |
| <b>6018-S</b> | Regular Socket, 8-pt. $\frac{9}{16}$ "    | ..               | ..               | X                | ..               |
| <b>6020-S</b> | Regular Socket, 8-pt. $\frac{5}{8}$ "     | ..               | ..               | X                | ..               |
| <b>6022-S</b> | Regular Socket, 8-pt. $\frac{11}{16}$ "   | ..               | ..               | X                | ..               |
| <b>6024-S</b> | Regular Socket, 8-pt. $\frac{3}{4}$ "     | ..               | ..               | X                | ..               |
| <b>6026-S</b> | Regular Socket, 8-pt. $\frac{13}{16}$ "   | ..               | ..               | X                | ..               |
| <b>6028-S</b> | Regular Socket, 8-pt. $\frac{7}{8}$ "     | ..               | ..               | X                | ..               |
| <b>6032-S</b> | Regular Socket, 8-pt. 1"                  | ..               | ..               | X                | ..               |
| <b>6076</b>   | Drag Link Socket                          | ..               | ..               | X                | ..               |
| <b>6116</b>   | Deep Socket, 12-pt. $\frac{1}{2}$ "       | ..               | ..               | X                | X                |
| <b>6118</b>   | Deep Socket, 12-pt. $\frac{7}{16}$ "      | ..               | ..               | X                | X                |
| <b>6120</b>   | Deep Socket, 12-pt. $\frac{5}{8}$ "       | ..               | ..               | X                | X                |
| <b>6122</b>   | Deep Socket, 12-pt. $\frac{11}{16}$ "     | ..               | ..               | X                | X                |
| <b>6124</b>   | Deep Socket, 12-pt. $\frac{3}{4}$ "       | ..               | ..               | X                | X                |
| <b>6126</b>   | Deep Socket, 12-pt. $\frac{13}{16}$ "     | ..               | ..               | X                | X                |
| <b>6128</b>   | Deep Socket, 12-pt. $\frac{7}{8}$ "       | ..               | ..               | X                | X                |
| <b>6130</b>   | Deep Socket, 12-pt. $\frac{15}{16}$ "     | ..               | ..               | X                | X                |
| <b>6132</b>   | Deep Socket, 12-pt. 1"                    | ..               | ..               | X                | X                |
| <b>6134</b>   | Deep Socket, 12-pt. $1\frac{1}{16}$ "     | ..               | ..               | X                | X                |
| <b>6136</b>   | Deep Socket, 12-pt. $1\frac{1}{8}$ "      | ..               | ..               | X                | X                |
| <b>6202</b>   | Extension, 2 $\frac{1}{2}$ "              | ..               | ..               | X                | ..               |
| <b>6203</b>   | Extension, 5"                             | ..               | X                | X                | ..               |
| <b>6205</b>   | Extension, 10"                            | ..               | X                | X                | ..               |
| <b>6208</b>   | Universal Joint, $2\frac{5}{16}$ "        | ..               | X                | X                | ..               |
| <b>6211</b>   | Reversible Ratchet, 10 $\frac{1}{4}$ "    | ..               | X                | X                | ..               |
| <b>6212</b>   | Reversible Ratchet, 16"                   | ..               | ..               | X                | ..               |
| <b>6215</b>   | Speeder Handle                            | ..               | X                | X                | ..               |
| <b>6235</b>   | Hinge Handle, 15"                         | X                | ..               | ..               | ..               |
| <b>6238</b>   | Hinge Handle, 18"                         | ..               | X                | X                | ..               |
| <b>6247</b>   | Ratchetor                                 | ..               | ..               | X                | ..               |
| <b>6265</b>   | Sliding T-Handle                          | ..               | ..               | X                | ..               |
| <b>5393</b>   | Metal Tray                                | ..               | ..               | ..               | X                |
| <b>5494</b>   | Metal Box                                 | X                | ..               | ..               | ..               |
| <b>5497</b>   | Metal Box                                 | ..               | X                | ..               | ..               |
| <b>9991</b>   | Metal Box                                 | ..               | ..               | X                | ..               |

Note: To order set 6000E without box order No. 6000D

# 3/4" DRIVE SOCKETS, HANDLES AND ATTACHMENTS

P&C

39



**A 12-POINT SOCKETS**

| No.  | Opening Size | Length | Wt. Lbs. |
|------|--------------|--------|----------|
| 9328 | 7/8"         | 2"     | .35      |
| 9330 | 15/16"       | 2"     | .40      |
| 9332 | 1"           | 2"     | .43      |
| 9334 | 1 1/16"      | 2"     | .48      |
| 9336 | 1 1/8"       | 2 1/8" | .53      |
| 9338 | 1 3/16"      | 2 1/8" | .58      |
| 9340 | 1 1/4"       | 2 1/8" | .70      |
| 9342 | 1 5/16"      | 2 1/8" | .70      |
| 9344 | 1 3/8"       | 2 1/4" | .73      |
| 9346 | 1 7/16"      | 2 1/4" | .80      |
| 9348 | 1 1/2"       | 2 1/4" | .85      |
| 9350 | 1 15/16"     | 2 3/8" | .90      |
| 9352 | 1 1/4"       | 2 3/8" | 1.05     |
| 9354 | 1 11/16"     | 2 1/2" | 1.35     |
| 9356 | 1 3/4"       | 2 1/2" | 1.45     |
| 9358 | 1 13/16"     | 2 3/8" | 1.80     |
| 9360 | 1 5/8"       | 2 3/8" | 1.90     |
| 9364 | 2"           | 2 3/4" | 2.13     |
| 9368 | 2 1/8"       | 2 3/4" | 2.45     |
| 9370 | 2 3/16"      | 3 1/4" | 3.25     |
| 9372 | 2 1/4"       | 3 3/8" | 3.50     |
| 9376 | 2 5/8"       | 3 3/8" | 3.62     |

**B EXTENSIONS**

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 9203 | 5"     | 1.05     |
| 9204 | 8"     | 1.43     |
| 9206 | 16"    | 2.30     |

**C UNIVERSAL JOINT**

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 9208 | 3 3/4" | 1.00     |

**D RATCHETOR**

Converts any 3/4" square drive non-ratcheting handle into a ratcheting tool. Easily reversed. Fully enclosed.

| No.  | Length   | Wt. Lbs. |
|------|----------|----------|
| 9247 | 3 13/16" | 2.35     |

**E REVERSIBLE RATCHET — SMALL HEAD**

Small head lets you get into tight places. Easily reversible. Powerful, positive, built to really take hard usage.

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 9209 | 20"    | 4.00     |

**F REVERSIBLE RATCHET — CLOSED HEAD**

Has minimum reverse drag. All closed head keeps out dirt for many years of trouble-free use. Easily reversed with a flip of the finger. Works in very short arc.

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 9211 | 20"    | 6.20     |

**G HINGE HANDLE**

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 9238 | 20"    | 3.20     |

**H L-HANDLE**

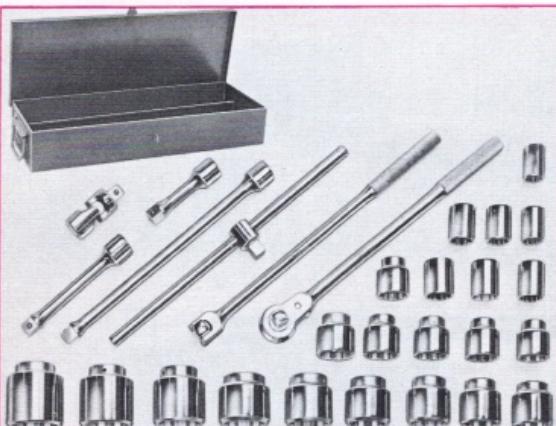
| No.  | Length  | Wt. Lbs. |
|------|---------|----------|
| 9255 | 17 1/2" | 2.35     |

**I SLIDING T-HANDLE**

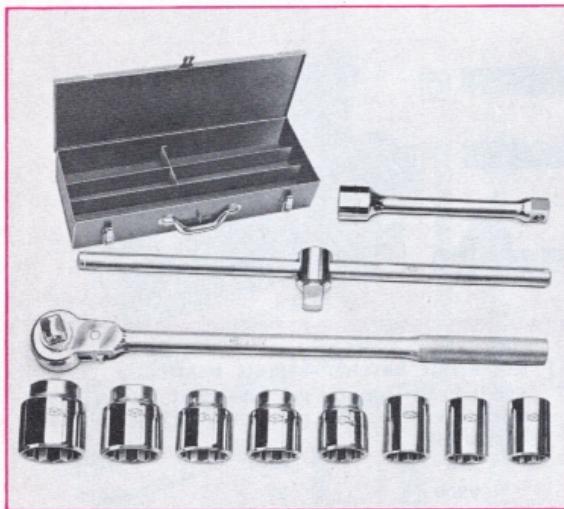
| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 9265 | 18"    | 2.73     |

**J ADAPTORS**

| No.  | Length        | Wt. Lbs.  |
|------|---------------|---|
| 9071 | 1" F x 3/4" M | 2 1/2" 1.10<br>(Adapts 1" attachment to 3/4" drive sockets) |
| 9072 | 3/4" F x 1" M | 2 1/4" .58<br>(Adapts 3/4" attachment to 1" drive sockets)  |

**40** P&C**3/4" DRIVE SOCKET SETS**

Set No. 9300A



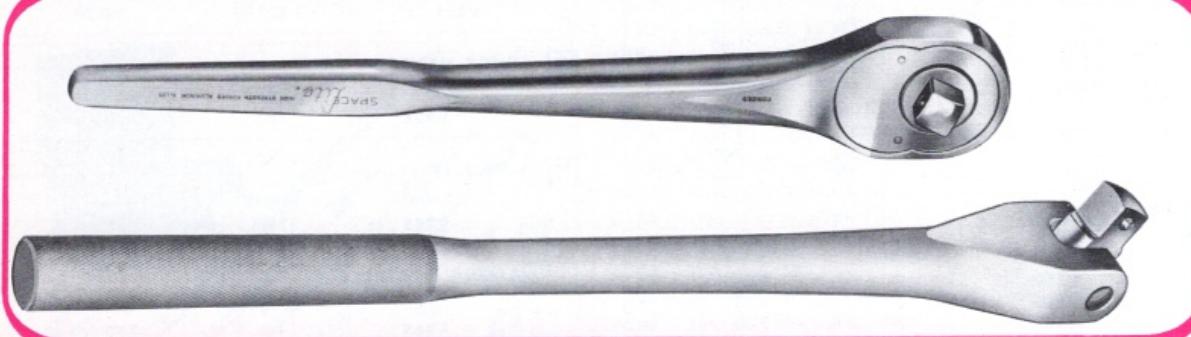
Set No. 9300NR

| No.  | Description                                | Set No. | Set No. |
|------|--|---------|---------|
| 9203 | Extension, 5"                              | X       | ..      |
| 9204 | Extension, 8"                              | X       | X       |
| 9206 | Extension, 16"                             | X       | ..      |
| 9208 | Universal Joint, 3 3/4"                    | X       | ..      |
| 9209 | Reversible Ratchet, 20"                    | X       | X       |
| 9238 | Hinge Handle                               | X       | ..      |
| 9265 | Sliding T-Handle                           | X       | X       |
| 9328 | Regular Socket, 12-point, 5/8" opening     | X       | ..      |
| 9330 | Regular Socket, 12-point, 15/16" opening   | X       | ..      |
| 9332 | Regular Socket, 12-point, 1" opening       | X       | ..      |
| 9334 | Regular Socket, 12-point, 1 1/16" opening  | X       | X       |
| 9336 | Regular Socket, 12-point, 1 1/8" opening   | X       | X       |
| 9338 | Regular Socket, 12-point, 1 5/16" opening  | X       | ..      |
| 9340 | Regular Socket, 12-point, 1 1/4" opening   | X       | X       |
| 9342 | Regular Socket, 12-point, 1 3/16" opening  | X       | X       |
| 9344 | Regular Socket, 12-point, 1 3/8" opening   | X       | ..      |
| 9346 | Regular Socket, 12-point, 1 7/16" opening  | X       | X       |
| 9348 | Regular Socket, 12-point, 1 1/2" opening   | X       | X       |
| 9350 | Regular Socket, 12-point, 1 5/8" opening   | X       | ..      |
| 9352 | Regular Socket, 12-point, 1 15/16" opening | X       | X       |
| 9354 | Regular Socket, 12-point, 1 11/16" opening | X       | ..      |
| 9356 | Regular Socket, 12-point, 1 3/4" opening   | X       | X       |
| 9358 | Regular Socket, 12-point, 1 13/16" opening | X       | ..      |
| 9360 | Regular Socket, 12-point, 1 7/8" opening   | X       | ..      |
| 9364 | Regular Socket, 12-point, 2" opening       | X       | ..      |
| 9368 | Regular Socket, 12-point, 2 1/8" opening   | X       | ..      |
| 9370 | Regular Socket, 12-point, 2 3/16" opening  | X       | ..      |
| 9372 | Regular Socket, 12-point, 2 1/4" opening   | X       | ..      |
| 9376 | Regular Socket, 12-point, 2 5/8" opening   | X       | ..      |
| 5695 | Metal Box, 22 1/4" x 8" x 3 3/4"           | ..      | X       |
| 5696 | Steel Box, 23 1/2" x 9 1/4" x 4"           | X       | ..      |

Wt. Lbs. 75.00 20.00

Note: To order Set No. 9300A without box order 9300AA.

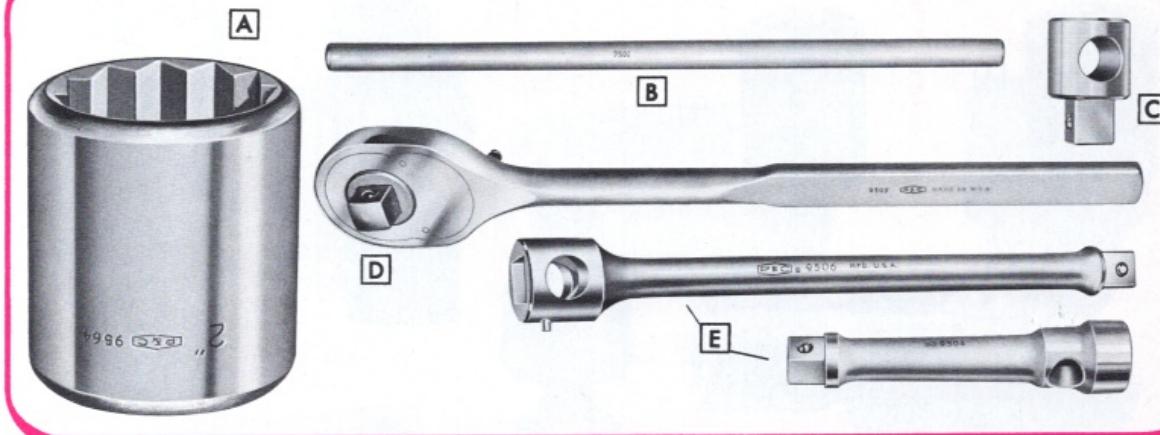
Weight 66.00 lbs.

**P&C****SPACELITE® ALUMINUM****SPACELITE ALUMINUM RATCHET AND HINGE HANDLES**

43% lighter than steel! Yet torque performance exceeds Federal specifications for steel ratchets and equals them in strength. Less fatigue. Handle designed for firm, comfortable grip. Strong, dependable alloy steel reversible ratchet mechanism and drive.

| No.  | Description  | Drive | Length  | Wt. Lbs. |
|------|--------------|-------|---------|----------|
| 9210 | Ratchet      | 3/4"  | 19 3/4" | 3.50     |
| 9237 | Hinge Handle | 3/4"  | 21 1/2" | 2.75     |
| 9537 | Hinge Handle | 1"    | 26"     | 5.75     |

**P&C**



P&C 1" Drive Sockets and attachments are built for the ruggedest of usage. Made of the finest special analysis steel to reduce weight-adding metal. Sockets lock to handles by use of a spring-pellet that snaps into a hole provided. This acts as a retaining pin. A great safety factor. To release just push pin provided in the socket.

**A 12-POINT SOCKETS**

| No.  | Opening Size        | Length              | Wt. Lbs. |
|------|---------------------|---------------------|----------|
| 9552 | 1 $\frac{5}{16}$ "  | 3 $\frac{1}{4}$ "   | 1.73     |
| 9558 | 1 $\frac{13}{16}$ " | 3 $\frac{1}{16}$ "  | 1.85     |
| 9560 | 1 $\frac{7}{8}$ "   | 3 $\frac{3}{8}$ "   | 1.94     |
| 9564 | 2"                  | 3 $\frac{1}{16}$ "  | 2.20     |
| 9570 | 2 $\frac{3}{16}$ "  | 3 $\frac{3}{4}$ "   | 3.10     |
| 9572 | 2 $\frac{1}{4}$ "   | 3 $\frac{13}{16}$ " | 3.40     |
| 9576 | 2 $\frac{3}{8}$ "   | 3 $\frac{15}{16}$ " | 3.90     |
| 9580 | 2 $\frac{1}{2}$ "   | 4"                  | 4.60     |
| 9582 | 2 $\frac{7}{16}$ "  | 4"                  | 4.90     |
| 9584 | 2 $\frac{5}{8}$ "   | 4 $\frac{1}{8}$ "   | 5.20     |
| 9588 | 2 $\frac{3}{4}$ "   | 4 $\frac{3}{8}$ "   | 6.20     |
| 9594 | 2 $\frac{15}{16}$ " | 4 $\frac{5}{8}$ "   | 7.70     |
| 9596 | 3"                  | 4 $\frac{5}{8}$ "   | 7.90     |
| 9600 | 3 $\frac{1}{8}$ "   | 4 $\frac{7}{8}$ "   | 9.60     |
| 9612 | 3 $\frac{1}{2}$ "   | 5 $\frac{1}{2}$ "   | 15.00    |

**B CROSS BAR**

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 9501 | 24"    | 5.30     |

**C SLIDING HEAD (For 9501 Bar)**

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 9565 | 3"     | 1.48     |

**D RATCHET**

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 9509 | 26"    | 12.00    |

**E EXTENSIONS**

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 9504 | 8"     | 3.60     |
| 9506 | 18"    | 6.00     |

**1" DRIVE SOCKET SETS**

| No.  | Description   | Set No.<br>9500-B | Set No.<br>9500-OC |
|------|---|-------------------|--------------------|
| 9501 | Cross Bar, 1" diameter, 24" length                      | X                 | X                  |
| 9504 | Extension, 9"   | X                 | X                  |
| 9506 | Extension, 18"  | X                 | ..                 |
| 9509 | Reversible Ratchet                                      | X                 | X                  |
| 9565 | Sliding Head  | X                 | X                  |
| 9552 | Regular Socket, 12-point, 1 $\frac{5}{16}$ " opening    | X                 | ..                 |
| 9558 | Regular Socket, 12-point, 1 $\frac{13}{16}$ " opening   | X                 | X                  |
| 9560 | Regular Socket, 12-point, 1 $\frac{7}{8}$ " opening     | X                 | ..                 |
| 9564 | Regular Socket, 12-point, 2"                            | X                 | X                  |
| 9570 | Regular Socket, 12-point, 2 $\frac{3}{16}$ " opening    | X                 | X                  |
| 9572 | Regular Socket, 12-point, 2 $\frac{1}{4}$ " opening     | X                 | ..                 |
| 9576 | Regular Socket, 12-point, 2 $\frac{3}{8}$ " opening     | X                 | X                  |
| 9580 | Regular Socket, 12-point, 2 $\frac{1}{2}$ " opening     | X                 | ..                 |
| 9582 | Regular Socket, 12-point, 2 $\frac{7}{16}$ " opening    | X                 | ..                 |
| 9584 | Regular Socket, 12-point, 2 $\frac{5}{8}$ " opening     | X                 | ..                 |
| 9588 | Regular Socket, 12-point, 2 $\frac{3}{4}$ " opening     | X                 | X                  |
| 9594 | Regular Socket, 12-point, 2 $\frac{15}{16}$ " opening   | X                 | ..                 |
| 9596 | Regular Socket, 12-point, 3"                            | X                 | ..                 |
| 9600 | Regular Socket, 12-point, 3 $\frac{1}{8}$ " opening     | X                 | ..                 |
| 9612 | Regular Socket, 12-point, 3 $\frac{1}{2}$ " opening     | X                 | ..                 |
| 5894 | Metal Box, 30" x 8 $\frac{1}{2}$ " x 5"                 | ..                | X                  |
| 5895 | Metal Box, 30" x 12 $\frac{1}{2}$ " x 5 $\frac{1}{2}$ " | X                 | ..                 |
|      | Wt. Lbs.  | 150               | 60                 |

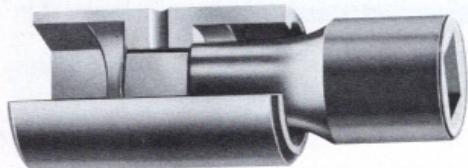


Set No. 9500-B

All P & C Tools are size marked to speed use on the job.



C



F



D

P&C Power and Impact Sockets are rugged, tough, designed to take long-time hard usage. They are made from special analysis tool steel. All points of strain are "beefed up." Finish is black oxide and lacquered. All P&C Power Sockets are exclusive Dyna-Ring for longer life.

### 3/8" DRIVE POWER SOCKETS

#### A 6-POINT SOCKETS

| No.    | Opening Size | Bolt Depth | Total Length | Wt. Lbs. |
|--------|--------------|------------|--------------|----------|
| 7210-H | 5/16"        | 11/32"     | 15/16"       | .07      |
| 7212-H | 3/8"         | 11/32"     | 15/16"       | .05      |
| 7214-H | 7/16"        | 7/16"      | 15/16"       | .05      |
| 7216-H | 1/2"         | 7/16"      | 15/16"       | .06      |
| 7218-H | 9/16"        | 7/16"      | 15/16"       | .07      |
| 7220-H | 5/8"         | 7/16"      | 15/16"       | .10      |
| 7222-H | 11/16"       | 9/16"      | 1"           | .16      |
| 7224-H | 3/4"         | 9/16"      | 1"           | .21      |

### 1/2" DRIVE POWER SOCKETS

#### B 6-POINT SOCKETS

| No.     | Opening Size | Bolt Depth | Total Length | Wt. Lbs. |
|---------|--------------|------------|--------------|----------|
| 7412-H* | 3/8"         | 9/16"      | 1 1/2"       | .13      |
| 7414-H* | 7/16"        | 9/16"      | 1 1/2"       | .14      |
| 7416-H* | 1/2"         | 9/16"      | 1 1/2"       | .17      |
| 7418-H* | 9/16"        | 23/32"     | 1 1/2"       | .17      |
| 7420-H  | 5/8"         | 9/16"      | 1 1/2"       | .17      |
| 7422-H  | 11/16"       | 9/16"      | 1 1/2"       | .22      |
| 7424-H  | 3/4"         | 13/16"     | 1 1/2"       | .26      |
| 7426-H  | 13/16"       | 13/16"     | 1 1/2"       | .38      |
| 7428-H  | 7/8"         | 27/32"     | 1 1/2"       | .31      |
| 7430-H  | 1 1/16"      | 7/8"       | 1 1/4"       | .45      |
| 7432-H  | 1"           | 1"         | 1 1/4"       | .48      |
| 7434-H  | 1 1/16"      | 1 1/4"     | 2"           | .55      |
| 7436-H  | 1 1/8"       | 1 1/4"     | 2"           | .66      |
| 7438-H  | 1 3/16"      | 1 1/4"     | 2"           | .71      |
| 7440-H  | 1 1/4"       | 1 1/4"     | 2"           | .79      |

\*These sizes do not have Dyna-Ring.

#### C 6-POINT UNIVERSAL SOCKETS

| No.  | Opening Size | Bolt Depth | Total Length | Wt. Lbs. |
|------|--------------|------------|--------------|----------|
| 7474 | 7/16"        | 7/16"      | 2 1/2"       | .35      |
| 7475 | 1/2"         | 1/2"       | 2 1/2"       | .35      |
| 7476 | 9/16"        | 9/16"      | 2 1/2"       | .36      |
| 7477 | 5/8"         | 9/16"      | 2 1/2"       | .36      |
| 7478 | 11/16"       | 9/16"      | 2 5/8"       | .36      |
| 7479 | 3/4"         | 9/8"       | 2 5/8"       | .36      |

#### D 6-POINT DEEP LENGTH SOCKETS

| No.      | Opening Size | Bolt Depth | Total Length | Wt. Lbs. |
|----------|--------------|------------|--------------|----------|
| 7312-H   | 3/8"         | 2 1/16"    | 3 1/4"       | .33      |
| 7314-H   | 7/16"        | 2 1/16"    | 3 1/4"       | .33      |
| 7316-H   | 1/2"         | 2 1/16"    | 3 1/4"       | .31      |
| 7318-H   | 9/16"        | 2 1/16"    | 3 1/4"       | .37      |
| 7320-H   | 5/8"         | 2 1/16"    | 3 1/4"       | .36      |
| 7322-H   | 11/16"       | 2 1/16"    | 3 1/4"       | .41      |
| 7324-H   | 3/4"         | 2 1/16"    | 3 1/4"       | .59      |
| 7326-H   | 13/16"       | 2 1/16"    | 3 1/4"       | .56      |
| 7328-H   | 7/8"         | 2 1/16"    | 3 1/4"       | .62      |
| 7330-H   | 1 1/16"      | 2 3/4"     | 3 1/4"       | .86      |
| 7332-H   | 1"           | 2 3/4"     | 3 1/2"       | .90      |
| 7334-H   | 1 1/4"       | 2 3/4"     | 3 1/2"       | 1.00     |
| 7336-H   | 1 1/8"       | 2 3/4"     | 3 1/2"       | 1.02     |
| *57336-H | 1 1/8"       | 5"         | 5 1/4"       | 1.76     |

\*This special socket has been designed for use on the spindle nut of cotton picking machines.)

#### E WHEEL LUG SOCKET WRENCH

Fits 85% of all cars. Has 3/4" and 13/16" openings on opposite ends of the socket with 1/2" square drive in the center. Snap-out extension adapts socket to standard 1/2" drive impact gun.

| No.                                       | Description          | Wt. Lbs. |
|---|----------------------|----------|
| 7402W                                     | Wheel Lug Socket Set | .75      |
| (7401 Socket only. 7182-P Extension only) |                      |          |

#### F UNIVERSAL JOINT

| No.  | Description               | Wt. Lbs. |
|------|---------------------------|----------|
| 7470 | Universal Joint—Ball Type | .38      |

#### G 1/2" DRIVE POWER SOCKET SET #7400D

| No.    | Description                              |
|--------|--|
| 7416-H | Regular Socket, 6-point, 1/2" opening    |
| 7418-H | Regular Socket, 6-point, 7/16" opening   |
| 7420-H | Regular Socket, 6-point, 5/8" opening    |
| 7422-H | Regular Socket, 6-point, 13/16" opening  |
| 7424-H | Regular Socket, 6-point, 3/4" opening    |
| 7426-H | Regular Socket, 6-point, 1 1/16" opening |
| 9974   | Metal Tray with handle lock              |

Wt. Lbs. 1.70



A



D



B



C F

E

**DYNA-RING®**

Exclusive design feature that adds amazing life to power sockets. Distributes the impact force away from the corners and minimizes splitting. Tested under the severest dynamic strain to assure you the Best Money Can Buy.

**3/4" DRIVE IMPACT SOCKETS****A 4-POINT SOCKET**

| No.       | Opening Size | Bolt Depth | Total Length | Wt. Lbs. |
|-----------|--------------|------------|--------------|----------|
| *07513-SS | 13/16"       | 1 1/16"    | 2 5/16"      | .82      |

\*Designed for Budd Wheels.

**B 6-POINT SOCKETS — 3/4" DRIVE**

| No.     | Opening Size | Bolt Depth | Total Length | Wt. Lbs. |
|---------|--------------|------------|--------------|----------|
| 07509   | 9/16"        | 3/4"       | 1 1/8"       | .67      |
| 07510   | 5/8"         | 3/4"       | 1 1/8"       | .67      |
| 07511   | 11/16"       | 3/4"       | 1 1/8"       | .66      |
| 07512   | 3/4"         | 1"         | 1 1/8"       | .68      |
| 07513   | 13/16"       | 1"         | 1 1/8"       | .62      |
| 07514   | 7/8"         | 1"         | 2"           | .70      |
| 07515   | 15/16"       | 1"         | 2"           | .86      |
| 07516   | 1"           | 1 1/16"    | 2 1/16"      | 1.00     |
| 07517   | 1 1/16"      | 1 1/16"    | 2 1/16"      | 1.14     |
| 07518   | 1 1/8"       | 1 1/8"     | 2 3/16"      | 1.28     |
| 07519   | 1 3/16"      | 1 1/8"     | 2 3/16"      | 1.32     |
| 07520   | 1 1/4"       | 1 1/8"     | 2 3/16"      | 1.36     |
| 07521   | 1 5/16"      | 1 1/8"     | 2 3/16"      | 1.42     |
| 07522   | 1 3/8"       | 1 1/8"     | 2 1/4"       | 1.62     |
| 07523   | 1 7/16"      | 1 3/32"    | 2 3/16"      | 1.56     |
| **07524 | 1 1/2"       | 1 3/32"    | 2 3/16"      | 1.62     |

\*\*Suitable for Budd Wheels.

**C 6-POINT DEEP SOCKET — 3/4" DRIVE**

| No.      | Opening Size | Bolt Depth | Total Length | Wt. Lbs. |
|----------|--------------|------------|--------------|----------|
| *07524-L | 1 1/2"       | 2 3/8"     | 3 1/2"       | 2.60     |

\*Designed for Budd Wheels.

**1" DRIVE IMPACT SOCKETS****D 4-POINT SOCKET — 1" DRIVE**

| No.       | Opening Size | Bolt Depth | Total Length | Wt. Lbs. |
|-----------|--------------|------------|--------------|----------|
| *10013-SS | 13/16"       | 7/8"       | 2 5/16"      | 1.16     |

\*Designed for Budd Wheels.

**E 6-POINT SOCKETS — 1" DRIVE**

| No.     | Opening Size | Bolt Depth | Total Length | Wt. Lbs. |
|---------|--------------|------------|--------------|----------|
| 10012   | 3/4"         | 1"         | 2 5/16"      | .96      |
| 10014   | 7/8"         | 1"         | 2 5/16"      | 1.04     |
| 10015   | 15/16"       | 1 1/8"     | 2 5/16"      | 1.02     |
| 10016   | 1"           | 1 1/4"     | 2 5/16"      | 1.06     |
| 10017   | 1 1/16"      | 1 1/4"     | 2 5/16"      | 1.28     |
| 10018   | 1 1/8"       | 1 1/4"     | 2 5/16"      | 1.30     |
| 10019   | 1 3/16"      | 1 1/4"     | 2 5/16"      | 1.28     |
| 10020   | 1 1/4"       | 1 1/4"     | 2 1/2"       | 1.28     |
| 10021   | 1 5/16"      | 1 1/2"     | 2 5/16"      | 1.30     |
| 10022   | 1 3/8"       | 1 17/32"   | 2 5/16"      | 1.46     |
| 10023   | 1 7/16"      | 1 17/32"   | 2 11/16"     | 1.46     |
| **10024 | 1 1/2"       | 1 17/32"   | 2 5/16"      | 1.46     |
| 10025   | 1 9/16"      | 1 1/16"    | 2 13/16"     | 1.56     |
| 10026   | 1 5/8"       | 1 9/16"    | 2 7/16"      | 1.78     |
| 10027   | 1 11/16"     | 1 3/4"     | 2 15/16"     | 1.96     |
| 10028   | 1 3/4"       | 1 3/4"     | 3"           | 2.00     |
| 10029   | 1 13/16"     | 1 13/16"   | 3 1/16"      | 2.50     |
| 10030   | 1 7/8"       | 1 7/8"     | 3 1/16"      | 2.30     |
| 10032   | 2"           | 1 7/8"     | 3 1/4"       | 3.20     |
| 10034   | 2 1/16"      | 1 7/8"     | 3 3/8"       | 3.40     |
| 10036   | 2 1/4"       | 2"         | 3 1/2"       | 4.10     |
| 10038   | 2 3/8"       | 2"         | 3 3/8"       | 4.20     |
| 10040   | 2 1/2"       | 2 3/8"     | 4"           | 4.90     |

\*\*Suitable for Budd Wheels.

**F 6-POINT DEEP SOCKET — 1" DRIVE**

| No.      | Opening Size | Bolt Depth | Total Length | Wt. Lbs. |
|----------|--------------|------------|--------------|----------|
| *10024-L | 1 1/2"       | 2 1/4"     | 3 1/2"       | 2.40     |

\*Designed for Budd Wheels.

**"O" RINGS AND PINS FOR IMPACT SOCKETS**

| No.      | Drive Size | Description | For Sockets Numbered |
|----------|------------|-------------|----------------------|
| 07500-P  | 3/4"       | Pin         | 07509 thru 07524     |
| 07500-R  | 3/4"       | "O" Ring    | 07513SS & 07524L     |
| 10000-P1 | 1"         | Pin         | 10012 thru 10024     |
| 10000-R1 | 1"         | "O" Ring    | 10013SS & 10024L     |
| 10000-P2 | 1"         | Pin         | 10025 thru 10040     |
| 10000-R2 | 1"         | "O" Ring    | 10025 thru 10040     |

**AIR****IMPACT WRENCH****Extra Heavy Duty**

This P&C Air Impact Wrench will save you time and money and it has built-in ruggedness, that will keep it on the job for years. Has a torque range (fully adjustable at a touch of the finger) of 75-200 ft/lb. Features rugged impact mechanism, balanced 6-vane motor, continuous self-lubrication and built-in oil reservoir. Is encased in strong steel hammer case. Match this gun with P&C Dyna-ring sockets and you have an unbeatable combination for getting the toughest jobs done... fast! Standard and extended anvil models available.



|                             |               |
|-----------------------------|---------------|
| No. load speed.....         | 6600 RPM      |
| Average Impacts .....       | 1350/Min.     |
| Size Air Inlet .....        | 1/4" Pipe Tap |
| Recommended Hose Size ..... | 5/16"         |

| No.            | Type Anvil | Overall Length | Wt. Lbs. |
|----------------|------------|----------------|----------|
| <b>AH-16</b>   | Standard   | 6 3/4"         | 5.56     |
| <b>AH-16-2</b> | Extended   | 8 3/4"         | 5.56     |



**Special Impact Wrench Grease**  
Formulated for this wrench.  
**No. AH-16-11**  
1 lb. can



**Leather Boot**  
High quality leather to protect your gun.  
**No. AH-16-12**



**Steel Carrying Case**  
Stores gun and accessories.  
Heavy gauge with snap-lock lid.  
**No. AH-16-13**

## ELECTRIC IMPACT WRENCH



Made for the professional user by the world's largest maker of hand-held tools for the auto mechanic. This wrench is doubly insulated and may be used with absolute safety even under the dampest conditions. Housing of sturdy aluminum alloy and handle of insulating Lexan. Delivers 2000 impacts per minute with 95-130 pounds of torque. No load speed is 1900 RPM. Will handle up to 3/8" bolt size. This wrench delivers 37% more torque than any comparable priced wrench. Available in both two-cord and three-cord models. Draws 4 amps at 115 volts AC.

| No.           | Type Cord* | Overall Length | Wt. Lbs.<br>(Less cord) |
|---------------|------------|----------------|-------------------------|
| <b>EN16</b>   | 2-wire     | 11 1/16"       | 6 3/4                   |
| <b>EN16-1</b> | 3-wire     | 11 1/16"       | 6 3/4                   |

**1/2" Drive  
Reversible**



U.S. Patent No. 2,905,037

**THE SENSATIONAL P&C CLIK-STOP ADJUSTABLE**

- *No other adjustable wrench like it.*
- *Automatically locks in any position setting.*
- *No levers to move or buttons to push.*
- *Positively will not creep or crawl.*
- *Works easily, smoothly to any opening.*

The P&C Clik-Stop is the first important improvement to adjustable wrenches since this tool was invented. It overcomes easily and positively the one weakness of the adjustable wrench . . . its tendency to change adjustment while being used. Now with the P&C Clik-Stop you avoid those damaged bolt heads and nuts. No longer do you have to fear skinned knuckles and the hazards from slipping tools. The answer is the fast, positive, locking action of the Clik-Stop. You set it and it stays. Every position is a locked position.

In addition to the Clik-Stop feature, P&C measures up in every other way to make it the finest tool money can buy. This wrench is thinner to fit into tight places. Yet nothing in the way of strength and tightening power has been sacrificed. All important points of stress are "beefed up" with added metal. Only the finest special alloy steel is used. The handle is of I-beam construction for maximum strength. Head is offset  $22\frac{1}{2}^\circ$  for turning nuts in tight places. Available in both beautiful chrome and black industrial finish.

**CLIK-STOP ADJUSTABLE WRENCH—FULL CHROME FINISH**

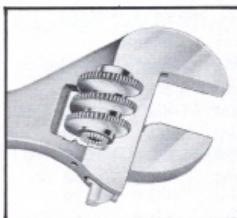
| No.    | Length | Max. Opening | Wt. Lbs. |
|--------|--------|--------------|----------|
| 1704-L | 4"     | 1/2"         | .10      |
| 1706-L | 6"     | 3/4"         | .23      |
| 1708-L | 8"     | 1"           | .54      |
| 1710-L | 10"    | 1 1/8"       | .85      |
| 1712-L | 12"    | 1 5/16"      | 1.56     |
| 1715-L | 15"    | 1 11/16"     | 3.25     |
| 1716-L | 16"    | 1 7/8"       | 3.68     |
| 1718-L | 18"    | 2 1/8"       | 4.75     |
| 1720-L | 20"    | 2 1/2"       | 6.28     |

**CLIK-STOP ADJUSTABLE WRENCH—INDUSTRIAL FINISH**

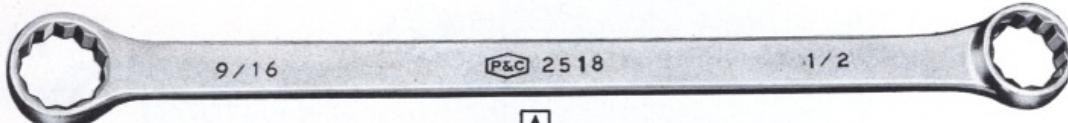
| No.     | Length | Max. Opening | Wt. Lbs. |
|---------|--------|--------------|----------|
| 1704-SL | 4"     | 1/2"         | .10      |
| 1706-SL | 6"     | 3/4"         | .23      |
| 1708-SL | 8"     | 1"           | .54      |
| 1710-SL | 10"    | 1 1/8"       | .85      |
| 1712-SL | 12"    | 1 5/16"      | 1.56     |
| 1715-SL | 15"    | 1 11/16"     | 3.25     |
| 1716-SL | 16"    | 1 7/8"       | 3.68     |
| 1718-SL | 18"    | 2 1/8"       | 4.75     |
| 1720-SL | 20"    | 2 1/2"       | 6.28     |

**TRY THIS LOCK TEST**

Tighten the Clik-Stop on your finger. Try to turn the Golden Knurl. You can't. The weight of the handle alone keeps it locked. Yet it always adjusts easily.

**THIS IS HOW THE CLIK-STOP WORKS!**

A series of serrations are cast in the Golden Knurl of the Clik-Stop. These serrations lock into teeth forged into the side of the knurl opening. These "locking" elements are kept engaged by a light spring loading of the knurl. There is always full freedom to adjust the wrench and every setting is a locked setting.

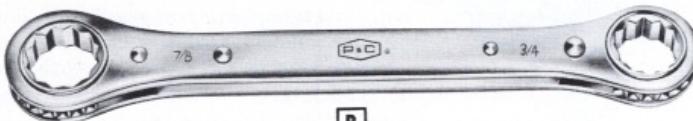


9/16

P&amp;C 2518

1/2

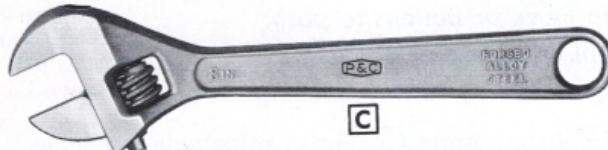
A



7/8

3/4

B



C



D

Hot forging from special alloy steel followed by scientific tempering and precision machining . . . this is the combination that makes P&C Wrenches unbeatable. Each is shaped for fitting into tight places with thin heads that sacrifice no strength or toughness. Handles are flat and thin with eased edges to make them easy on the hands.

#### A BOX WRENCHES — 12-POINT

Box openings chamfered to guide wrench onto nut, bolt heads. Once on, it cannot slip or spread, needs only 15° swing to turn a nut. Heads offset 15° from shank to provide knuckle clearance.

| No.  | Opening Size     | Length  | Wt. Lbs. |
|------|------------------|---------|----------|
| 2512 | 5/16" x 3/8"     | 5"      | .06      |
| 2514 | 3/8" x 5/16"     | 6 1/2"  | .10      |
| 2516 | 7/16" x 1/2"     | 7 1/2"  | .15      |
| 2518 | 1/2" x 3/4"      | 8"      | .20      |
| 2520 | 9/16" x 5/8"     | 8 1/2"  | .25      |
| 2522 | 5/8" x 11/16"    | 9 1/2"  | .35      |
| 2524 | 5/8" x 3/4"      | 10 3/8" | .40      |
| 2525 | 1 1/16" x 3/4"   | 11"     | .50      |
| 2528 | 3/4" x 7/8"      | 12"     | .63      |
| 2529 | 13/16" x 7/8"    | 13 7/8" | .68      |
| 2532 | 15/16" x 1"      | 15 1/2" | .90      |
| 2536 | 1 1/16" x 1 1/8" | 17 1/4" | 1.30     |
| 2540 | 1 1/16" x 1 1/4" | 18 1/4" | 1.38     |
| 2542 | 1 1/4" x 1 5/16" | 19 1/4" | 1.54     |
| 2544 | 1 1/4" x 1 3/8"  | 20 1/4" | 1.82     |
| 2548 | 1 1/16" x 1 1/2" | 21 1/4" | 2.00     |

#### C ADJUSTABLE WRENCHES — STANDARD

This wrench is designed for maximum strength with minimum weight. This combination is achieved by engineering skill in design and master craftsmanship in manufacture.

#### FULL CHROME PLATED

| No.  | Length | Max. Opening | Wt. Lbs. |
|------|--------|--------------|----------|
| 1704 | 4"     | 1/2"         | .10      |
| 1706 | 6"     | 3/4"         | .23      |
| 1708 | 8"     | 1"           | .54      |
| 1710 | 10"    | 1 1/8"       | .85      |
| 1712 | 12"    | 1 5/16"      | 1.56     |
| 1715 | 15"    | 1 11/16"     | 3.25     |
| 1716 | 16"    | 1 7/8"       | 3.68     |
| 1718 | 18"    | 2 1/8"       | 4.75     |
| 1720 | 20"    | 2 1/2"       | 6.28     |

#### INDUSTRIAL FINISH

| No.    | Length | Max. Opening | Wt. Lbs. |
|--------|--------|--------------|----------|
| 1704-S | 4"     | 1/2"         | .10      |
| 1706-S | 6"     | 3/4"         | .23      |
| 1708-S | 8"     | 1"           | .54      |
| 1710-S | 10"    | 1 1/8"       | .85      |
| 1712-S | 12"    | 1 5/16"      | 1.56     |
| 1715-S | 15"    | 1 11/16"     | 3.25     |
| 1716-S | 16"    | 1 7/8"       | 3.68     |
| 1718-S | 18"    | 2 1/8"       | 4.75     |
| 1720-S | 20"    | 2 1/2"       | 6.28     |

#### D OBSTRUCTION BOX WRENCHES

Works around corners. Handy for removing, replacing many starter motors.

| No.  | Opening Size | Length | Wt. Lbs. |
|------|--------------|--------|----------|
| 1725 | 5/16" x 1/2" | 5 7/8" | .12      |
| 1730 | 5/16" x 5/8" | 7 3/4" | .20      |
| 1731 | 5/8" x 3/4"  | 7 3/4" | .33      |

#### B RATCHETING BOX WRENCHES — 6 AND 12-POINT

Turning over wrench reverses direction. Laminated construction adds strength and reduces weight.

| No.  | Opening Size  | Type of Opening | Overall Length | Wt. Lbs. |
|------|---------------|-----------------|----------------|----------|
| 1190 | 7/16" x 1/2"  | 6-point         | 5"             | .30      |
| 1191 | 1/4" x 3/16"  | 6-point         | 4 1/4"         | .12      |
| 1192 | 3/8" x 7/16"  | 6-point         | 5 1/2"         | .20      |
| 1193 | 1/2" x 5/16"  | 6-point         | 6 3/4"         | .40      |
| 1194 | 5/8" x 11/16" | 12-point        | 8"             | .66      |
| 1195 | 3/4" x 7/8"   | 12-point        | 9 1/4"         | .79      |
| 1196 | 5/8" x 3/4"   | 12-point        | 8 1/16"        | .64      |

**A SHORT OFFSET BOX WRENCH — 12 PT.**

Has offset ends to clear nearby obstructions. Short length permits use in tight places.

| No.  | Opening        | Length | Wt. Lbs. |
|------|----------------|--------|----------|
| 2260 | 3/8" x 7/16"   | 5"     | .08      |
| 2261 | 1/2" x 9/16"   | 5 1/2" | .12      |
| 2262 | 5/8" x 1 1/16" | 6"     | .19      |
| 2263 | 3/4" x 1 3/16" | 6 1/2" | .25      |

**B LONG OFFSET BOX WRENCH — 12 PT.**

Great for reaching into tough spots where ordinary wrench can't be used. Ends offset to clear obstructions.

| No.  | Opening         | Length  | Wt. Lbs. |
|------|-----------------|---------|----------|
| 2280 | 3/8" x 7/16"    | 7 3/4"  | .16      |
| 2281 | 1/2" x 9/16"    | 9"      | .25      |
| 2282 | 5/8" x 1 1/16"  | 10 1/4" | .38      |
| 2283 | 25/32" x 13/16" | 11 1/2" | .46      |
| 2284 | 3/4" x 7/8"     | 12 1/4" | .66      |
| 2285 | 5/8" x 1"       | 14"     | .93      |

**C COMBINATION WRENCH — 6 PT.**

The right tool to tighten hex nuts. Both ends have same opening size for fast run down and final tightening without changing wrenches. Closed head offset.

| No.   | Opening | Length | Wt. Lbs. |
|-------|---------|--------|----------|
| 2712H | 3/8"    | 4 1/2" | .06      |
| 2714H | 7/16"   | 5 1/4" | .10      |
| 2716H | 1/2"    | 6"     | .14      |
| 2718H | 5/8"    | 6 3/4" | .20      |
| 2720H | 3/4"    | 7 1/2" | .27      |
| 2722H | 11/16"  | 8 1/4" | .34      |
| 2724H | 3/4"    | 9 1/4" | .45      |

**D COMBINATION WRENCH — LONG — 12 PT.**

These wrenches give you extra leverage for tough tightening situations, also reach those hard-to-get-at spots. Same opening on both ends.

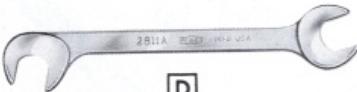
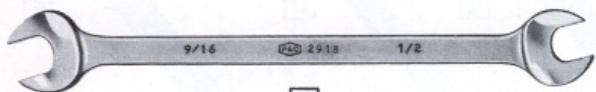
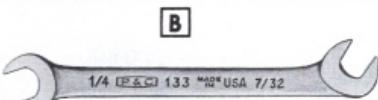
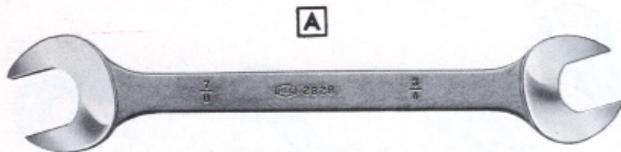
| No.   | Opening | Length  | Wt. Lbs. |
|-------|---------|---------|----------|
| 2708L | 1/4"    | 4 7/8"  | .04      |
| 2710L | 5/16"   | 5 1/4"  | .05      |
| 2712L | 3/8"    | 6 5/8"  | .08      |
| 2714L | 7/16"   | 7 1/2"  | .13      |
| 2716L | 1/2"    | 8 1/4"  | .17      |
| 2718L | 5/8"    | 9 1/2"  | .25      |
| 2720L | 3/4"    | 10"     | .33      |
| 2722L | 11/16"  | 10 5/8" | .38      |
| 2724L | 3/4"    | 11 1/4" | .51      |

**E COMBINATION BOX AND OPEN-END WRENCHES**

Box end offset 15° for knuckle clearance, 12-point design turns hex nut with only 15° swing. Open end at 15° angle to shank needs only 30° swing.

| No.  | Opening      | Length  | Wt. Lbs. |
|------|--------------|---------|----------|
| 2708 | 1/4" (6-pt.) | 3"      | .02      |
| 2710 | 5/16"        | 3 1/16" | .05      |
| 2712 | 3/8"         | 4 1/2"  | .07      |
| 2714 | 7/16"        | 5 5/16" | .10      |
| 2716 | 1/2"         | 6 1/4"  | .14      |
| 2718 | 9/16"        | 7"      | .20      |
| 2720 | 5/8"         | 7 3/4"  | .26      |
| 2722 | 11/16"       | 8 1/2"  | .32      |
| 2724 | 3/4"         | 9 1/4"  | .41      |
| 2726 | 13/16"       | 10 1/8" | .50      |
| 2728 | 7/8"         | 11 1/4" | .59      |
| 2730 | 15/16"       | 12 1/4" | .62      |
| 2732 | 1"           | 13 3/8" | .86      |
| 2734 | 1 1/16"      | 14 1/2" | 1.03     |
| 2736 | 1 1/8"       | 15 1/4" | 1.23     |
| 2740 | 1 1/4"       | 17"     | 1.70     |
| 2742 | 1 5/16"      | 18 1/4" | 1.95     |
| 2744 | 1 3/8"       | 19 1/2" | 2.20     |
| 2746 | 1 7/16"      | 20 1/4" | 2.50     |
| 2748 | 1 1/2"       | 21 1/8" | 2.90     |
| 2752 | 1 5/8"       | 23"     | 3.50     |
| 2754 | 1 11/16"     | 23"     | 3.40     |
| 2756 | 1 3/4"       | 26"     | 5.80     |
| 2758 | 1 13/16"     | 26"     | 5.70     |
| 2760 | 1 7/8"       | 26"     | 5.60     |
| 2764 | 2"           | 26"     | 5.50     |

P&C Wrenches are all made from special analysis steel that has been alloyed to assure toughness, wear resistance and true tempering. Every wrench is rigidly inspected and fully guaranteed.



Every P&C Wrench goes through a scientifically controlled and space-age-engineered 17-step process from alloy-steel selection to final inspection and packaging. Over 40 years of tool manufacturing skill is behind every step to assure you the best wrenches money can buy.

#### A OPEN-END WRENCHES

Jaw openings precisely milled for positive fit without slipping. The 15° jaw angle, by "flopping" wrench, allows continuous turning of hex nut in 30° swing.

| No.  | Opening          | Length  | Wt. Lbs. |
|------|------------------|---------|----------|
| 2808 | 3/16" x 1/4"     | 4 1/8"  | .02      |
| 2810 | 1/4" x 5/16"     | 3 1/2"  | .05      |
| 2812 | 5/16" x 3/8"     | 4"      | .06      |
| 2814 | 3/8" x 7/16"     | 4 1/2"  | .08      |
| 2816 | 7/16" x 1/2"     | 5"      | .11      |
| 2818 | 1/2" x 9/16"     | 5 1/2"  | .15      |
| 2819 | 1/2" x 15/32"    | 6"      | .15      |
| 2820 | 9/16" x 5/8"     | 6 1/2"  | .21      |
| 2821 | 15/32" x 11/16"  | 7"      | .26      |
| 2822 | 5/8" x 11/16"    | 7 1/2"  | .28      |
| 2824 | 5/8" x 3/4"      | 8 1/4"  | .30      |
| 2825 | 11/16" x 3/4"    | 9"      | .33      |
| 2828 | 3/4" x 7/8"      | 10"     | .46      |
| 2829 | 13/16" x 7/8"    | 10 1/2" | .59      |
| 2831 | 7/8" x 1 1/16"   | 11 1/8" | .70      |
| 2832 | 15/16" x 1"      | 12"     | .85      |
| 2836 | 1 1/16" x 1 1/8" | 13 7/8" | 1.30     |
| 2840 | 1 1/16" x 1 1/4" | 14 1/8" | 1.50     |
| 2842 | 1 1/4" x 1 5/16" | 16 1/4" | 2.10     |
| 2846 | 1 5/8" x 1 1/16" | 17 3/4" | 2.40     |
| 2852 | 1 1/2" x 1 1/8"  | 19 1/2" | 3.80     |

#### C THIN HEAD OPEN-END WRENCHES

Especially designed for tappet work. Special alloy steel gives extra strength to very thin, tapered jaws. Long handles increase leverage.

| No.  | Opening        | Length | Wt. Lbs. |
|------|----------------|--------|----------|
| 2916 | 7/16" x 1 1/2" | 9"     | .18      |
| 2918 | 1/2" x 9/16"   | 9"     | .18      |
| 2920 | 9/16" x 3/8"   | 10"    | .24      |
| 2925 | 11/16" x 3/4"  | 10"    | .27      |
| 2929 | 13/16" x 7/8"  | 10"    | .35      |

#### D MIDGET OPEN-END WRENCHES - 80°

Designed for work on generators, distributors and electronic equipment. End size is matched and heads are at 15° and 80° angle to shank.

| No.    | Opening | Length | Wt. Lbs. |
|--------|---------|--------|----------|
| 2807A  | 7/32"   | 3 1/4" | .02      |
| 2807AB | 15/32"  | 3 1/4" | .02      |
| 2808A  | 1/4"    | 3 1/4" | .02      |
| 2809A  | 9/32"   | 3 5/8" | .03      |
| 2810A  | 5/16"   | 3 5/8" | .03      |
| 2811A  | 11/32"  | 4"     | .04      |
| 2812A  | 9/16"   | 4"     | .04      |
| 2814A  | 7/16"   | 4 3/4" | .07      |
| 2816A  | 1/2"    | 4 3/4" | .07      |
| 2818A  | 9/16"   | 5 1/4" | .14      |
| 2820A  | 5/8"    | 5 1/4" | .14      |

#### B MIDGET WRENCHES

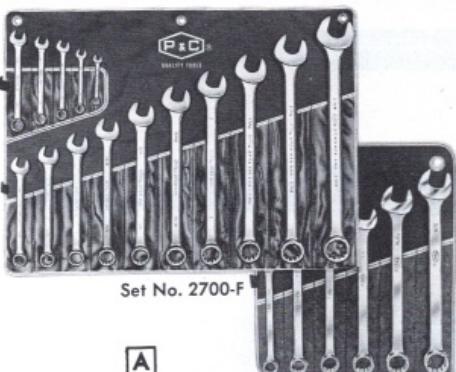
One jaw at 15°, other at 60° on each wrench. Opening sizes duplicated at other angle on companion wrench.

| No. | 15° End | 60° End | Length | Wt. Lbs. |
|-----|---------|---------|--------|----------|
| 130 | 13/64"  | 15/64"  | 3"     | .02      |
| 131 | 15/64"  | 17/64"  | 3"     | .02      |
| 132 | 7/32"   | 1/4"    | 3"     | .02      |
| 133 | 1/4"    | 7/32"   | 3"     | .02      |
| 134 | 9/32"   | 5/16"   | 3 1/2" | .03      |
| 135 | 5/16"   | 9/32"   | 3 1/2" | .03      |
| 136 | 11/32"  | 3/8"    | 3 3/4" | .05      |
| 137 | 3/8"    | 11/32"  | 3 3/4" | .05      |

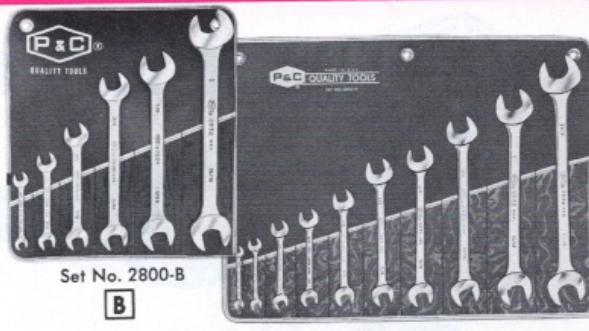
#### E FLARE NUT WRENCHES

Semi-box head slips over tubing for seating onto flare nuts. For use on fluid or gas lines in hydraulic units, air brake systems, compressors, etc.

| No.  | 6-Point Opening | Length | Wt. Lbs. |
|------|-----------------|--------|----------|
| 3751 | 3/8"            | 5 5/8" | .26      |
| 3752 | 7/16"           | 6"     | .30      |
| 3753 | 1/2"            | 6 5/8" | .34      |
| 3754 | 9/16"           | 6 7/8" | .40      |
| 3755 | 5/8"            | 7 5/8" | .47      |
| 3756 | 11/16"          | 8 3/4" | .54      |
| 3757 | 3/4"            | 9 1/4" | .65      |

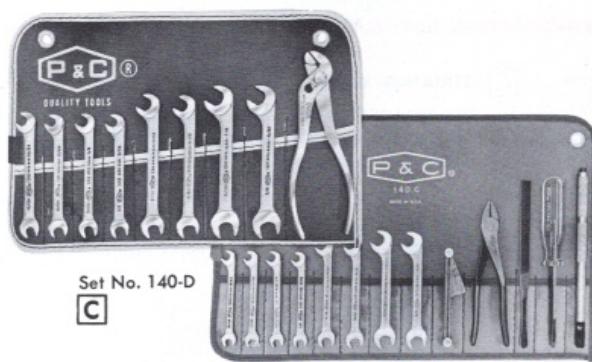


A



B

Set No. 2800-H



C

Set No. 140-C



D

Set No. 2500-B

**A COMBINATION WRENCH SETS**

| No.  | Description     | Set No. 2700B | Set No. 2700F |
|------|-----------------|---------------|---------------|
| 2710 | 5/16" opening   | ..            | X             |
| 2712 | 3/8" opening    | ..            | X             |
| 2714 | 7/16" opening   | X             | X             |
| 2716 | 1/2" opening    | X             | X             |
| 2718 | 9/16" opening   | X             | X             |
| 2720 | 5/8" opening    | X             | X             |
| 2722 | 11/16" opening  | X             | X             |
| 2724 | 3/4" opening    | X             | X             |
| 2726 | 13/16" opening  | ..            | X             |
| 2728 | 7/8" opening    | ..            | X             |
| 2730 | 15/16" opening  | ..            | X             |
| 2732 | 1" opening      | ..            | X             |
| 2734 | 1 1/16" opening | ..            | X             |
| 2736 | 1 1/8" opening  | ..            | X             |
| 2740 | 1 1/4" opening  | ..            | X             |
| 2413 | Plastic Kit     | ..            | X             |
| 2427 | Plastic Kit     | X             | ..            |
|      | Wt. Lbs.        | 1.70          | 10.00         |

**C IGNITION WRENCH SETS**

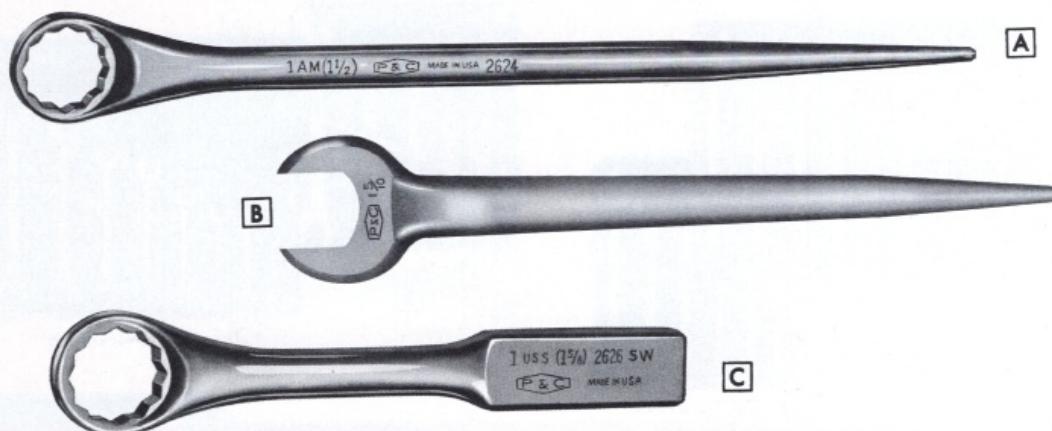
| No.   | 15° End            | 60° End | Set No. 140-C | Set No. 140-D |
|-------|--------------------|---------|---------------|---------------|
| 130   | 13/64"             | 15/64"  | X             | X             |
| 131   | 15/64"             | 13/64"  | X             | X             |
| 132   | 7/32"              | 1/4"    | X             | X             |
| 133   | 1/4"               | 7/32"   | X             | X             |
| 134   | 9/32"              | 5/16"   | X             | X             |
| 135   | 5/16"              | 9/32"   | X             | X             |
| 136   | 11/32"             | 3/8"    | X             | X             |
| 137   | 3/8"               | 11/32"  | X             | X             |
| 442   | Screwdriver        |         | X             | ..            |
| 1235  | Pliers             |         | ..            | X             |
| 1281  | Pliers             |         | X             | ..            |
| 2302  | Point File — 5"    |         | X             | ..            |
| 9853  | Screw Starter      |         | X             | ..            |
| 000-D | Ignition Gauge Set |         | X             | ..            |
| 2416  | Vinyl Kit          |         | ..            | X             |
| 2420  | Vinyl Kit          |         | X             | ..            |
|       | Wt. Lbs.           | .50     | .60           |               |

**B OPEN-END WRENCH SETS**

| No.  | Description              | Set No. 2800B | Set No. 2800H |
|------|--------------------------|---------------|---------------|
| 2810 | 1/4" x 5/16" opening     | ..            | X             |
| 2812 | 5/16" x 3/8" opening     | X             | X             |
| 2816 | 7/16" x 1/2" opening     | X             | X             |
| 2818 | 1/2" x 9/16" opening     | ..            | X             |
| 2820 | 9/16" x 5/8" opening     | X             | X             |
| 2824 | 5/8" x 3/4" opening      | ..            | X             |
| 2825 | 11/16" x 3/4" opening    | X             | X             |
| 2829 | 13/16" x 7/8" opening    | X             | X             |
| 2832 | 15/16" x 1" opening      | X             | X             |
| 2836 | 1 1/16" x 1 1/8" opening | ..            | X             |
| 2410 | Plastic Kit              | ..            | X             |
| 2428 | Plastic Kit              | X             | ..            |
|      | Wt. Lbs.                 | 2.50          | 4.60          |

**D BOX WRENCH SETS**

| No.  | Description              | Set No. 2500B | Set No. 2500M |
|------|--------------------------|---------------|---------------|
| 2512 | 5/16" x 3/8" opening     | ..            | X             |
| 2514 | 3/8" x 7/16" opening     | X             | X             |
| 2516 | 7/16" x 1/2" opening     | ..            | X             |
| 2518 | 1/2" x 9/16" opening     | X             | X             |
| 2520 | 9/16" x 5/8" opening     | ..            | X             |
| 2522 | 5/8" x 1 1/16" opening   | X             | ..            |
| 2524 | 9/16" x 3/4" opening     | ..            | X             |
| 2525 | 11/16" x 3/4" opening    | ..            | X             |
| 2528 | 3/4" x 7/8" opening      | X             | ..            |
| 2529 | 13/16" x 7/8" opening    | X             | X             |
| 2532 | 15/16" x 1" opening      | X             | X             |
| 2536 | 1 1/16" x 1 1/8" opening | ..            | X             |
| 2418 | Vinyl Kit                | ..            | X             |
| 2425 | Vinyl Kit                | X             | ..            |
|      | Wt. Lbs.                 | 3.30          | 5.20          |

**A SPUD-END WRENCHES — 12-POINT BOX**

Makes quick work of loosening frozen or rusted bolts or nuts. The spud end is handy for aligning holes in flanges. Note the clearance provided by the offset head which overcomes the usual obstruction problems.

| No.  | Size                | Total Length       | Wt. Lbs. |
|------|---------------------|--------------------|----------|
| 2615 | 1 $\frac{5}{8}$ "   | 14 $\frac{1}{2}$ " | 1.13     |
| 2617 | 1 $\frac{1}{2}$ "   | 15 $\frac{1}{2}$ " | 1.30     |
| 2618 | 1 $\frac{1}{8}$ "   | 16 $\frac{1}{4}$ " | 1.94     |
| 2620 | 1 $\frac{1}{4}$ "   | 17"                | 2.20     |
| 2623 | 1 $\frac{7}{16}$ "  | 19"                | 3.00     |
| 2624 | 1 $\frac{1}{2}$ "   | 20 $\frac{1}{8}$ " | 3.30     |
| 2626 | 1 $\frac{5}{8}$ "   | 21 $\frac{1}{4}$ " | 3.60     |
| 2627 | 1 $\frac{1}{16}$ "  | 22 $\frac{1}{4}$ " | 3.70     |
| 2629 | 1 $\frac{13}{16}$ " | 23 $\frac{1}{4}$ " | 5.50     |
| 2630 | 1 $\frac{7}{8}$ "   | 24 $\frac{1}{4}$ " | 5.60     |
| 2632 | 2"                  | 25 $\frac{1}{4}$ " | 6.00     |
| 2635 | 2 $\frac{3}{16}$ "  | 26"                | 6.40     |
| 2638 | 2 $\frac{9}{16}$ "  | 26 $\frac{1}{2}$ " | 7.00     |
| 2641 | 2 $\frac{15}{16}$ " | 28"                | 8.70     |
| 2644 | 2 $\frac{3}{4}$ "   | 29"                | 8.20     |
| 2647 | 2 $\frac{13}{16}$ " | 29 $\frac{1}{4}$ " | 12.00    |

**C STRIKING WRENCHES — 12-POINT BOX**

Striking wrenches have a square striking surface for use with a sledge or hammer. They are offset to allow maximum clearance.

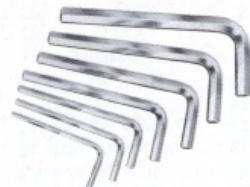
| No.     | Size                | Total Length        | Wt. Lbs. |
|---------|---------------------|---------------------|----------|
| 2617-SW | 1 $\frac{1}{16}$ "  | 8 $\frac{1}{2}$ "   | 1.70     |
| 2618-SW | 1 $\frac{1}{8}$ "   | 8 $\frac{1}{2}$ "   | 1.60     |
| 2620-SW | 1 $\frac{1}{4}$ "   | 10 $\frac{3}{4}$ "  | 3.20     |
| 2621-SW | 1 $\frac{13}{16}$ " | 10 $\frac{3}{4}$ "  | 3.00     |
| 2623-SW | 1 $\frac{7}{16}$ "  | 12"                 | 4.70     |
| 2624-SW | 1 $\frac{1}{2}$ "   | 12"                 | 4.40     |
| 2626-SW | 1 $\frac{5}{8}$ "   | 12 $\frac{1}{4}$ "  | 4.60     |
| 2627-SW | 1 $\frac{13}{16}$ " | 12 $\frac{1}{4}$ "  | 4.50     |
| 2629-SW | 1 $\frac{13}{16}$ " | 13 $\frac{7}{16}$ " | 6.60     |
| 2630-SW | 1 $\frac{7}{8}$ "   | 13 $\frac{7}{16}$ " | 6.80     |
| 2632-SW | 2"                  | 13 $\frac{7}{16}$ " | 6.60     |
| 2635-SW | 2 $\frac{3}{16}$ "  | 13 $\frac{7}{8}$ "  | 8.20     |
| 2638-SW | 2 $\frac{9}{16}$ "  | 13 $\frac{7}{8}$ "  | 7.80     |
| 2641-SW | 2 $\frac{15}{16}$ " | 13 $\frac{7}{8}$ "  | 8.70     |
| 2644-SW | 2 $\frac{3}{4}$ "   | 13 $\frac{7}{8}$ "  | 8.20     |
| 2647-SW | 2 $\frac{13}{16}$ " | 16"                 | 13.00    |
| 2650-SW | 3 $\frac{1}{8}$ "   | 16"                 | 12.00    |

**B STRUCTURAL WRENCHES — OPEN END**

Tapered handle aligns bolt holes. Offset handle to clear adjoining bolts, protect operator's hands. Hot forged from special analysis alloy steel, scientifically heat treated for greatest strength and longest wear. Sand blasted satin finish clear lacquer coated.

| No. | Opening Size | Length             | Wt. Lbs. |
|-----|--------------|--------------------|----------|
| 924 | 3/4"         | 11"                | .80      |
| 926 | 13/16"       | 12 $\frac{1}{8}$ " | .90      |
| 928 | 7/8"         | 12 $\frac{1}{8}$ " | .90      |

| No. | Opening Size        | Length | Wt. Lbs. |
|-----|---------------------|--------|----------|
| 932 | 1"                  | 13"    | 1.30     |
| 934 | 1 $\frac{1}{16}$ "  | 14"    | 1.50     |
| 936 | 1 $\frac{1}{8}$ "   | 14"    | 1.50     |
| 940 | 1 $\frac{1}{4}$ "   | 16"    | 2.50     |
| 942 | 1 $\frac{5}{16}$ "  | 16"    | 2.50     |
| 946 | 1 $\frac{7}{16}$ "  | 18"    | 3.80     |
| 948 | 1 $\frac{1}{2}$ "   | 18"    | 3.80     |
| 952 | 1 $\frac{13}{16}$ " | 20"    | 5.80     |

**HOLLOW HEAD WRENCH SET**

This set has seven of the most popular sizes to fit Allen head screws. Hexagon shape in leverage providing "L" form. Sizes 5/64 (fits No. 8 set screws), 3/32 (No. 10), 1/8 (1/4"), 5/32 (5/16"), 3/16 (3/8"), 7/32 (7/16") and 1/4 (1/2").

| No.  | Item                         | Wt. Lbs. |
|------|------------------------------|----------|
| 4977 | Wrench Set with plastic case | .20      |

**HEX KEY SET**

Holds seven hex keys for Allen heads, socket head and hollow head screws all in a handy pocket size case. Wrenches fit sizes 4 through 3/16".

| No.  | Item              | Wt. Lbs. |
|------|-------------------|----------|
| 4978 | Set in metal case | .16      |

See page 35 for Socket Drive Allen Head Wrenches



**A DRAG LINK AND SHOCK ARM TOOL**

Slim, tapered fork is designed to facilitate insertion. Fork opening, 21/32".

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 6545 | 16"    | 2.30     |

**B PITMAN ARM PRY BAR**

Use for pulling bearings, pulleys, gears, for lifting blocks, heavy parts. Fork opening, 1 1/4".

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 6546 | 20"    | 2.80     |

**C PISTON RING COMPRESSOR**

Band-operating ratchet prevents breakage and slippage. Wide band (3 1/2") has 2 1/8" to 5" range. Ell handle included.

| No.  | Wt. Lbs. |
|------|----------|
| 2316 | .70      |

**D VALVE GUIDE CLEANER**

Turning a nut adjusts the five flexible blades to any valve guide size.

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 2335 | 9 3/4" | .10      |

**E GASKET SCRAPER**

Has U.L. approved handle of tough, fire-resistant plastic, and forged blade of special alloy steel.

| No.  | Blade Width | Length  | Wt. Lbs. |
|------|-------------|---------|----------|
| 2336 | 1 1/2"      | 11 1/4" | .41      |

**F FLEXIBLE CARBON SCRAPER**

Sliding band regulates the flexibility.

| No.  | Blade Width | Length | Wt. Lbs. |
|------|-------------|--------|----------|
| 2337 | 1"          | 9"     | .30      |

**G CONNECTING ROD SOCKET**

Thin nose, hexagon, 1/2" drive socket for Ford V8s.

| No.  | Opening                                     | Length  | Wt. Lbs. |
|------|---|---------|----------|
| 6523 | 5/16"                                       | 1 1/16" | .11      |
| 6528 | Fits Holley and Chandler-Groves carburetors | .07     |          |
|      | Fits most Strombergs                        | .06     |          |

**H CARBURETOR JET WRENCHES**

Turns jets quickly without damaging soft jet metal.

| No.  | Wt. Lbs. |
|------|----------|
| 6526 | .07      |
| 6528 | .06      |

**I DISTRIBUTOR POINT SOCKET**

For Chevrolets. Two prongs turn the housing terminal screw. Alloy steel. Drive, 1/4".

| No.  | Length  | Wt. Lbs. |
|------|---------|----------|
| 6535 | 1 1/16" | .02      |

**J VALVE LIFTER**

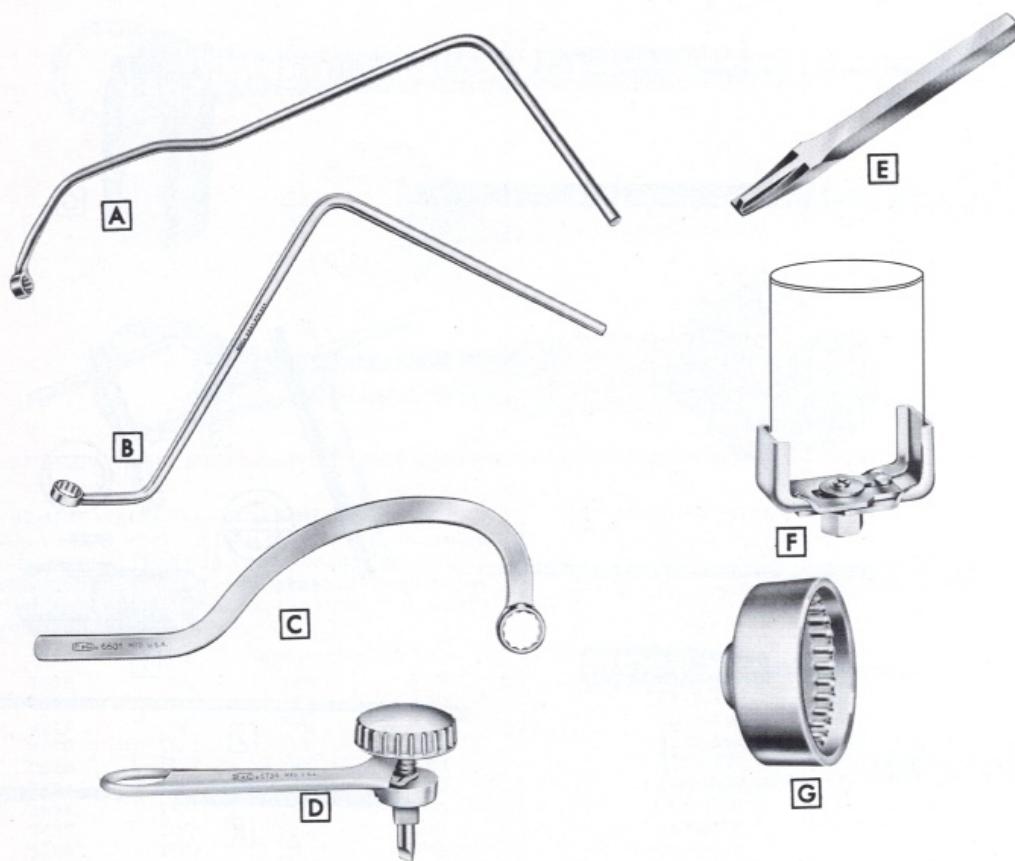
Ford V8-85. Long leverage breaks loose the toughest guides. Stock, 3/4". Alloy steel.

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 6539 | 30"    | 3.50     |

**K IGNITION POINT FILE**

Blade is 5/16" wide and 5 1/4" long.

| No.  | Description         | Wt. Lbs. |
|------|---------------------|----------|
| 2302 | Ignition Point File | .02      |

**A UNIVERSAL DISTRIBUTOR WRENCH**

Designed especially for '57 Fords, but desirable wherever  $\frac{1}{2}$ " hold-down nuts are used on distributors. Alloy steel, chrome plated.

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 6540 | 17"    | .70      |

**B BUICK DISTRIBUTOR WRENCH**

For reaching and turning distributor mounting bolt on certain Buicks. Head has 12-point,  $9/16$ " box opening and is offset  $1\frac{1}{8}$ " to clear obstructions. Alloy steel.

| No.  | Length                  | Wt. Lbs. |
|------|-------------------------|----------|
| 6541 | $10\frac{3}{16}$ " x 8" | .57      |

**C STARTER WRENCH**

For Plymouth, Dodge, DeSoto and Chrysler cars. Clears objects when removing or replacing starter.  $\frac{5}{8}$ " box opening. Alloy steel.

| No.  | Length           | Wt. Lbs. |
|------|------------------|----------|
| 6601 | $9\frac{3}{4}$ " | .35      |

**D OVERHEAD VALVE ADJUSTERS**

For accuracy, speed and ease when adjusting overhead valves. Using a  $\frac{1}{2}$ " drive socket, loosen lock nut, turn alloy steel screwdriver with knob for adjustment (setting valve clearance with feeler gauges), and tighten lock nut with handle while holding screwdriver knob. Also used with clutch adjusting machines.

For all 6-cylinder and many V8 overhead valve engines without hydraulic lifters. Has clearance for

**D OVERHEAD VALVE ADJUSTERS—Continued**

adjusting valves under fire wall on certain 6-cylinder Chevrolets.

| No.  | Max. Bit Length   | Wt. Lbs. |
|------|-------------------|----------|
| 6734 | $1\frac{1}{8}$ "  | .33      |
| 6735 | $3\frac{3}{32}$ " | .36      |

**E MUFFLER REMOVAL TOOL**

Best way yet to remove worn out mufflers and tail-pipes! Safe, fast and easy to use. Helps prevent damage to usable parts. Made of special high-strength alloy steel.

| No.  | Length           | Wt. Lbs. |
|------|------------------|----------|
| 2301 | $5\frac{7}{8}$ " | .29      |

**F OIL FILTER REMOVAL TOOL**

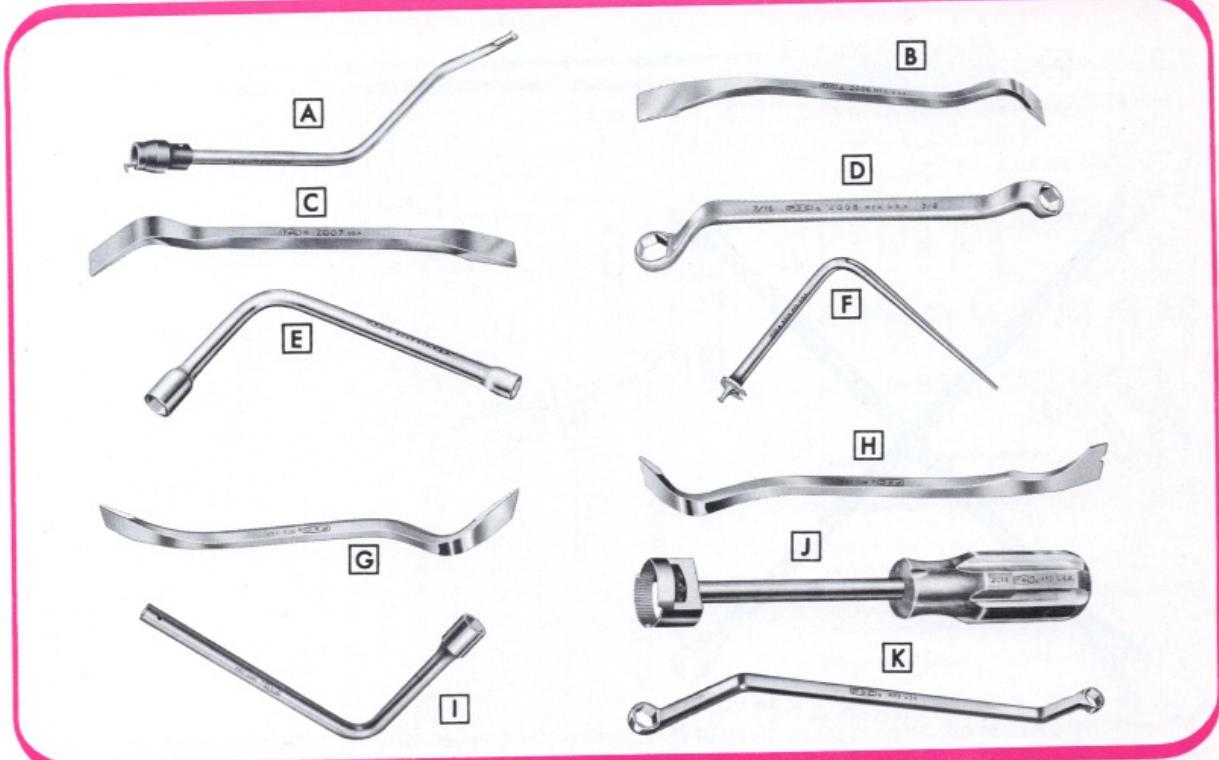
Takes a vise-like grip to remove oil filters in a breeze! Self locking, self adjusting. Use on most standard domestic units and many foreign types of disposable filters. Designed to protect hands and arms from hot manifolds.

| No.  | Wt. Lbs. |
|------|----------|
| 2304 | .90      |

**G FORD FUEL FILTER WRENCH**

Eliminates damage and distortion to fuel filter bowls. Special socket gives precise fit and makes removal easy. Made of high-strength die-cast aluminum.

| No.  | Wt. Lbs. |
|------|----------|
| 2303 | .30      |

**A BRAKE ADJUSTING TOOL**

To remove and replace Bendix Brake Springs (General Motors' cars and many others) and any type where the spring is attached to a post. Replaceable spring removal socket.

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 2005 | .40    |          |

**B BENDIX BRAKE ADJUSTING TOOL**

Adjusts star nuts on two-shoe Bendix brakes. Has 1 3/4" spoons.

| No.  | Length  | Wt. Lbs. |
|------|---------|----------|
| 2006 | 9 1/16" | .30      |

**C CHEVROLET BRAKE ADJUSTING TOOL**

For Chevrolet brakes and other close places. Has 1-3/16" and 1-7/16" spoons.

| No.  | Length   | Wt. Lbs. |
|------|----------|----------|
| 2007 | 6 15/16" | .18      |

**D CHRYSLER BRAKE WRENCH**

Has 3/8" hex socket for brake bleeder screws and 7/16" hex socket for adjusting screw in late Chryslers and DeSotos. Clears tires. Alloy steel.

| No.  | Length  | Wt. Lbs. |
|------|---------|----------|
| 2008 | 7 5/16" | .19      |

**E BRAKE BLEEDER WRENCH**

For Chevrolets, Fords and Lincolns with ball-joint front end suspension. L-shaped handle has 5/16" hex socket to remove bleeder screw cap and 3/8" hex socket for turning screw. Alloy steel.

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 2009 | 6 3/4" | .24      |

**F CHRYSLER BRAKE SPRING TOOL**

Forged, milled and swaged from alloy steel, this tool designed to quickly remove and replace brake shoe returns on certain Chryslers, DeSotos, Dodges and Plymouths.

| No.  | Length          | Wt. Lbs. |
|------|-----------------|----------|
| 2010 | 5 1/2" x 6 1/2" | .25      |

**G CORVAIR BRAKE TOOL**

Designed to clear suspension systems in Corvair, Chevrolet and Buick. Opposite end adjusts many other Bendix brakes.

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 2011 | 9"     | .29      |

**H PONTIAC TEMPEST BRAKE TOOL**

This tool clears suspension obstructions on front wheels of this car. Special angled blade with notches speeds the jobs.

| No.  | Length  | Wt. Lbs. |
|------|---------|----------|
| 2012 | 9 1/16" | .28      |

**I BRAKE BLEEDER TOOL**

Has 1/4" hex opening for compact cars; 3/8" hex for conventional cars and trucks. Vent hole lets line be bled without removing tool.

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 2013 | 6 3/4" | .24      |

**J BRAKE SHOE TOOL**

Removes and replaces the dished retaining washer of spring assembly. Does the job quick and easy.

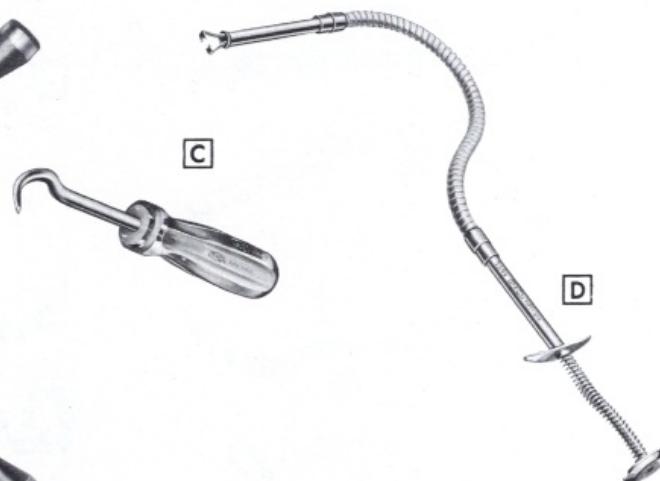
| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 2014 | 7"     | .33      |

**K CHRYSLER BRAKE TOOL**

Designed for late models. Clears all obstructions. Has 3/8" and 7/16" hex openings to handle bleeder and shoe.

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 2015 | 10"    | .28      |

Every P&C Tool is GUARANTEED against defects in workmanship or materials. You can buy P&C with confidence.

**A****B****C****D****A BROAD TIRE IRON**

Paddle shaped blade lifts larger area of tire from rim. Thin blade gives best balance with light weight. Hot forged alloy steel with dipped, satin finish.

| No. | Description | Wt. Lbs. |
|-----|-------------|----------|
| 207 | 18"         | 2.00     |

**B FOUR-WAY LUG WRENCHES**

Forged from alloy steel and induction welded for greatest strength and durability. Hex openings. Two sizes to clear wide fenders.

| No.  | Size                        | Length  | Wt. Lbs. |
|------|-----------------------------|---------|----------|
| 1175 | 3/4" x 13/16" x 3/4" x 7/8" | 18"     | 3.00     |
| 1176 | 3/4" x 13/16" x 3/4" x 7/8" | 21 1/2" | 3.20     |

**C COTTER PIN PULLER**

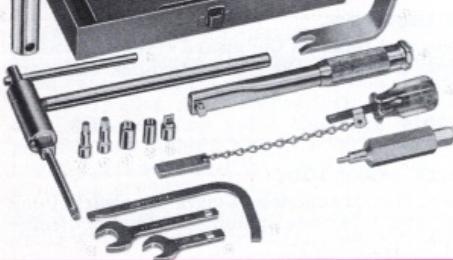
Even the toughest give way with this puller. Just insert point and pry pin out. Exerts big leverage and is built to take it. Hand easy handle.

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 2306 | 7 3/4" | .25      |

**D GRAB-ALL**

Will hold or retrieve both metal and non-metal items. Flexible. Two grippers are spring loaded. The handiest tool you'll ever own to get into impossible places.

| No.  | Length  | Wt. Lbs. |
|------|---------|----------|
| 2344 | 17 1/2" | .18      |
| 2345 | 26"     | .30      |

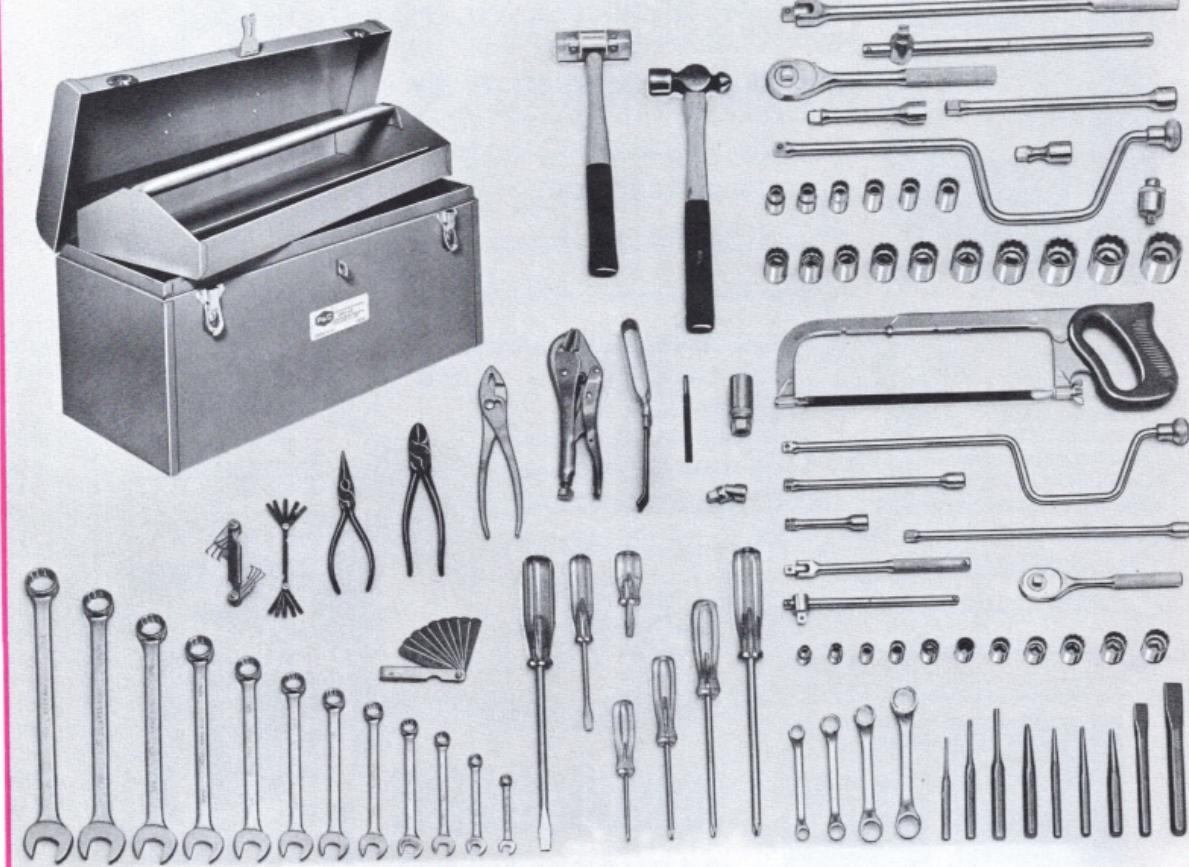
**AUTOMATIC TRANSMISSION SET**

For adjusting all auto and light truck automatic transmissions. Here are all the special tools needed for this important maintenance work. Every item precision engineered to fit the need. Handy reference chart with adjustment specs and easy-to-understand instruction book included in the sturdy metal storage box.

**No. 2350-A — Weight 6.50**

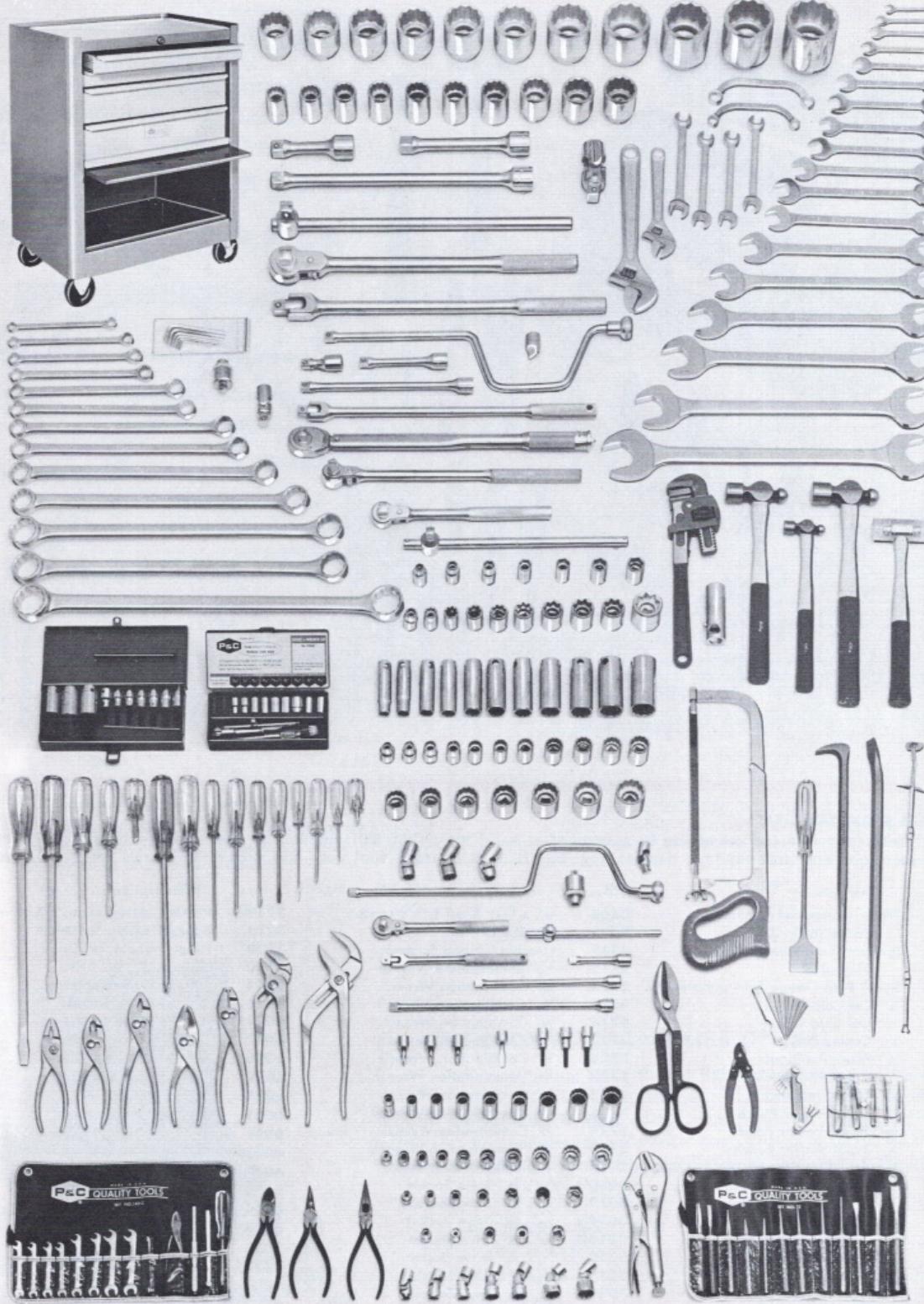
Consists of the following:

| No.  | Description                     | No.    | Description              |
|------|---------------------------------|--------|--------------------------|
| 2361 | Chart                           | 4710-5 | 5/16" Socket, 1/4" Drive |
| 9973 | Metal Box                       | 4710   | 5/16" Socket, 1/4" Drive |
| 5324 | 3/4" Opening, 1/2" Drive Socket | 4743   | Screwdriver Bit          |
| 2357 | Band Adjuster                   | 2359   | Handle & 1/4" Gauge      |
| 2353 | 1/4" Gauge                      | 2354   | Servo Gauge—Front        |
| 6061 | Torque Wrench, 1/4" Drive       | 2355   | Servo Gauge—Rear         |
| 4742 | 1/4" Allen Hex Socket           | 2356   | 5/16" O. E. Wrench       |
| 4741 | 7/32" Allen Hex Socket          | 2352   | 5/16" O. E. Wrench       |

**No. 9912 BASIC TOOL SET**

Here's a carefully selected set of the 88 most-needed hand tools that will enable any mechanic to handle the service and repair jobs encountered in a normal day. Use it as a starting tool set—add more P&C tools later as needed.

| No.   | Description                                  | No.    | Description                     | No.    | Description                      |
|-------|--|--------|---------------------------------|--------|----------------------------------|
| 000A  | Feeler Gauge Set—9 short blades, .003 - .018 | 2263   | 3/4" x 1 1/16" Short Box Wrench | 3210   | Ratchet, closed head, 3/8" Drive |
| 000D  | Ignition Gauge Set—10 blades, .013 - .040    | 2302   | Distributor Point File          | 3215   | Speed Handle, 3/8" Drive         |
| 000K  | Spark Plug Gauge Set—complete                | 2337   | Flexible Carbon Scraper         | 3230   | Hinge Handle, 3/8" Drive         |
| 12A   | 1/2" Cut Cold Chisel                         | 2710   | 5/16" Combination Wrench        | 3260   | Sliding "T", 3/8" Drive          |
| 14    | 3/4" Cut Cold Chisel                         | 2712   | 3/8" Combination Wrench         | 6014   | 7/16", 1/2" Drive Socket         |
| 23    | 1/2" Center Punch                            | 2714   | 7/16" Combination Wrench        | 6016   | 1/2", 1/2" Drive Socket          |
| 61    | 1/8" Point, Pin Punch                        | 2716   | 1/2" Combination Wrench         | 6018   | 1/16", 1/2" Drive Socket         |
| 63    | 3/16" Point, Pin Punch                       | 2718   | 5/16" Combination Wrench        | 6019   | 1 1/32", 1/2" Drive Socket       |
| 64-1  | 1/4" Point, Pin Punch                        | 2720   | 5/8" Combination Wrench         | 6020   | 5/16", 1/2" Drive Socket         |
| 65    | 1/8" Point Starter Punch                     | 2722   | 1 1/16" Combination Wrench      | 6022   | 1 1/16", 1/2" Drive Socket       |
| 66    | 5/32" Point Starter Punch                    | 2724   | 3/4" Combination Wrench         | 6024   | 3/4", 1/2" Drive Socket          |
| 67    | 5/16" Point Starter Punch                    | 2726   | 13/16" Combination Wrench       | 6025   | 2 5/32", 1/2" Drive Socket       |
| 573   | No. 1 Phillips Screwdriver                   | 2728   | 7/8" Combination Wrench         | 6026   | 13/16", 1/2" Drive Socket        |
| 601   | 1/4" x 1 1/2" Blade Screwdriver              | 2730   | 1 5/16" Combination Wrench      | 6028   | 7/16", 1/2" Drive Socket         |
| 634   | 1/4" x 4" Blade Screwdriver                  | 2732   | 1" Combination Wrench           | 6030   | 1 5/16", 1/2" Drive Socket       |
| 674   | No. 2 Phillips Screwdriver                   | 3010H  | 5/16", 3/8" Drive Socket        | 6032   | 1", 1/2" Drive Socket            |
| 776   | No. 3 Phillips Screwdriver                   | 3012H  | 3/8", 3/8" Drive Socket         | 6034   | 1 1/16", 1/2" Drive Socket       |
| 838   | 3/16" x 8" Blade Screwdriver                 | 3014H  | 7/16", 3/8" Drive Socket        | 6036   | 1 1/8", 1/2" Drive Socket        |
| 878   | No. 4 Phillips Screwdriver                   | 3016H  | 1/2", 3/8" Drive Socket         | 6038   | 1 3/16", 1/2" Drive Socket       |
| 1207  | 7" Diagonal Cutting Pliers                   | 3018   | 1/2", 3/8" Drive Socket         | 6040   | 1 1/4", 1/2" Drive Socket        |
| 1220  | Needle Nose Pliers                           | 3019   | 19/32", 3/8" Drive Socket       | 6202   | 2 1/2" Extension, 1/2" Drive     |
| 1278  | 8" Slip Joint Pliers                         | 3020   | 5/8", 3/8" Drive Socket         | 6203   | 5" Extension, 1/2" Drive         |
| 1291R | Lever Wrench Pliers—quick release            | 3022   | 11/16", 3/8" Drive Socket       | 6205   | 10" Extension, 1/2" Drive        |
| 1361  | Hacksaw—rigid frame for 10" and 12" blades   | 3024   | 3/4", 3/8" Drive Socket         | 6210   | Ratchet, Closed Head, 1/2" Drive |
| 1383  | Plastic Tip Hammer                           | 3026   | 13/16", 3/8" Drive Socket       | 6215   | Speed Handle, 1/2" Drive         |
| 2260  | 3/8" x 7/16" Short Box Wrench                | 3028   | 7/8", 3/8" Drive Socket         | 6238   | Hinge Handle, 1/2" Drive         |
| 2261  | 1/2" x 5/16" Short Box Wrench                | 3126HP | 13/16" Spark Plug Socket        | 6247   | Ratcheting, 1/2" Drive           |
| 2262  | 5/8" x 1 1/16" Short Box Wrench              | 3202   | 3 1/2" Extension, 3/8" Drive    | 6265   | Sliding "T", 1/2" Drive          |
|       |  | 3203   | 8" Extension, 3/8" Drive        | 8612   | 3/4 lb. Ball Pein Hammer         |
|       |  | 3205   | 12" Extension, 3/8" Drive       | D-1120 | 20" x 8 1/2" x 9 5/8" Metal Box  |
|       |  | 3208   | Universal Joint, 3/8" Drive     |        |                                  |


**No. 9902-A MAINTENANCE MASTER SET (WITH TOOLMOBILE)**

This tool set gives you everything you need for industrial maintenance work. Complete assortment includes 286 quality P&C tools—ideal for factories, railroads, shipyards, refineries, mills, utilities. Use it, too, for repairing automobiles, buses, tractors, trucks, farm machinery, aircraft, construction equipment. Toolmobile provides handy, orderly storage for complete tool set.

The tools in this Master Maintenance set have been carefully selected by practical, practicing maintenance mechanics to assure you everything needed to get the majority of jobs done with speed and ease. No needless, seldom used tools. No gadgets or single purpose equipment. From pullers to pliers, from sockets to screwdrivers, from grab-all to gauge you'll find these the finest quality you can ever buy... and the best way to get the job done.

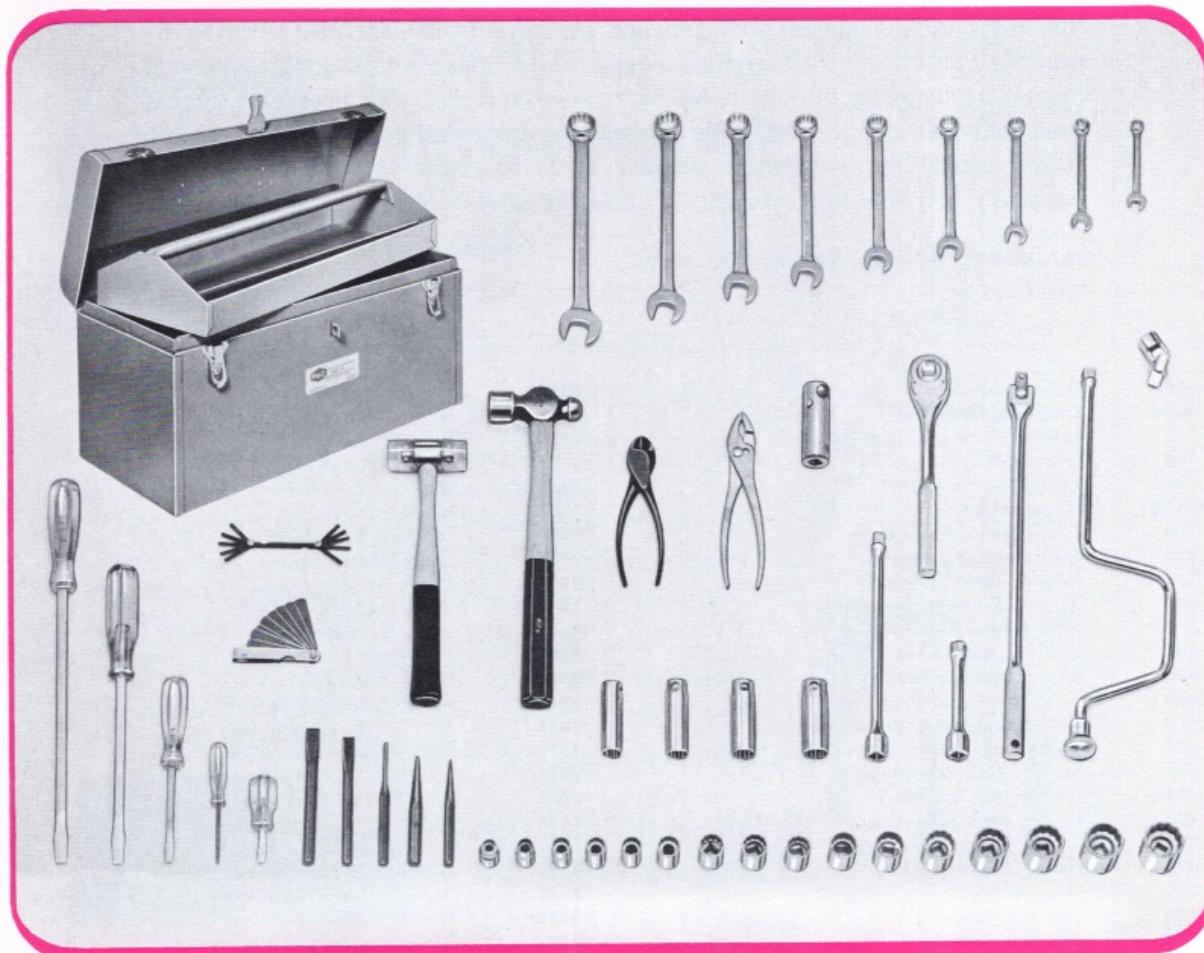
P&amp;C MASTER SET — NO. 9902-A Wt. 302 lbs.

| No.   | Description                       | No.    | Description                       |
|-------|-----------------------------------|--------|-----------------------------------|
| 000A  | Feeler Gauge Set                  | 2516   | 7/16" x 1/2" Box Wrench           |
| 000K  | Spark Plug Gauge Set              | 2518   | 1/2" x 5/16" Box Wrench           |
| 2     | 12-Piece Punch and Chisel Set     | 2520   | 5/16" x 5/8" Box Wrench           |
| 102   | Lining Up Bar                     | 2524   | 5/8" x 3/4" Box Wrench            |
| 140C  | 13-Piece Ignition Set             | 2525   | 11/16" x 3/4" Box Wrench          |
| 0200C | 1/4" Socket Set                   | 2528   | 3/4" x 7/8" Box Wrench            |
| 464   | 1/8" x 4" Cabinet Screwdriver     | 2529   | 13/16" x 7/8" Box Wrench          |
| 473   | No. 0 Phillips Screwdriver        | 2532   | 15/16" x 1" Box Wrench            |
| 504   | 3/16" x 4" Blade Screwdriver      | 2536   | 1 1/16" x 1 1/16" Box Wrench      |
| 566   | 3/16" x 6" Cabinet Screwdriver    | 2542   | 1 1/4" x 1 5/16" Box Wrench       |
| 573   | No. 1 Phillips Screwdriver        | 2544   | 1 1/4" x 1 3/8" Box Wrench        |
| 601   | 1/4" x 1 1/2" Blade Screwdriver   | 2548   | 1 1/8" x 1 1/2" Box Wrench        |
| 604   | 1/4" x 4" Blade Screwdriver       | 2810   | 1/4" x 3/8" Open End Wrench       |
| 669   | 1/4" x 10" Cabinet Screwdriver    | 2812   | 5/16" x 3/8" Open End Wrench      |
| 670   | No. 2 Stubby Phillips Screwdriver | 2814   | 3/8" x 7/16" Open End Wrench      |
| 674   | No. 2 Stubby Phillips Screwdriver | 2816   | 7/16" x 1/2" Open End Wrench      |
| 706   | 5/16" x 6" Blade Screwdriver      | 2818   | 1/2" x 5/16" Open End Wrench      |
| 776   | No. 3 Phillips Screwdriver        | 2820   | 9/16" x 5/8" Open End Wrench      |
| 808   | 3/8" x 8" Blade Screwdriver       | 2821   | 19/32" x 1 1/16" Open End Wrench  |
| 812   | 3/8" x 12" Blade Screwdriver      | 2822   | 5/8" x 11/16" Open End Wrench     |
| 878   | No. 4 Phillips Screwdriver        | 2824   | 5/8" x 3/4" Open End Wrench       |
| 1202  | Thin Jaw Pliers                   | 2825   | 11/16" x 3/4" Open End Wrench     |
| 1203  | Bent Jaw Pliers                   | 2828   | 3/4" x 7/8" Open End Wrench       |
| 1206  | 6" Diagonal Pliers                | 2829   | 13/16" x 7/8" Open End Wrench     |
| 1225  | Curved Needle Nose Pliers         | 2832   | 15/16" x 1" Open End Wrench       |
| 1226  | Needle Nose w/Cutter              | 2836   | 1 1/16" x 1 1/16" Open End Wrench |
| 1243  | 10" Power Track Pliers            | 2840   | 1 1/16" x 1 1/4" Open End Wrench  |
| 1246  | 6" Combination Pliers             | 2842   | 1 1/4" x 1 5/16" Open End Wrench  |
| 1248P | Plumbing Pliers                   | 2846   | 1 3/8" x 1 1/16" Open End Wrench  |
| 1252A | Hose Clamp Pliers                 | 2852   | 1 1/2" x 1 5/8" Open End Wrench   |
| 1278  | 8" Slip Joint Pliers              | 3000A  | Hollow Head Screw Socket Set      |
| 1291R | Lever Wrench Pliers               | 3000GG | 3/8" Drive Socket Set             |
| 1299  | Wire Stripper                     | 3752   | 7/16" Flare Nut Wrench            |
| 1320  | 10" Snips                         | 3753   | 1/2" Flare Nut Wrench             |
| 1361  | Hacksaw                           | 3754   | 5/16" Flare Nut Wrench            |
| 1383  | Plastic Tip Hammer                | 3755   | 5/8" Flare Nut Wrench             |
| 1708L | 8" Adjustable Wrench              | 4977   | Hex Key Set                       |
| 1712L | 12" Adjustable Wrench             | 6000D  | 1/2" Drive Socket Set             |
| 1725  | 7/16" x 1/2" Obstruction Wrench   | 6316   | 1/2" Drive Torque Wrench          |
| 1730  | 5/16" x 5/8" Obstruction Wrench   | 8604   | 4 oz. Hammer                      |
| 1814  | 14" Pipe Wrench                   | 8612   | 12 oz. Hammer                     |
| 2126  | 16" Rolling Head Bar              | 8616   | 1 lb. Hammer                      |
| 2336  | Gasket Scraper                    | 9300AA | 3/4" Drive Socket Set             |
| 2344  | 17 1/2" Grab-all                  | 9500A  | Screw Extractor Set               |
| 2514  | 5/8" x 7/16" Box Wrench           | 9960   | Toolmobile Cabinet                |

#### Set Includes Mobile Storage Cabinet

Toolmobile cabinets save time on the job, help eliminate costly tool losses. Drawers and trays are partitioned, make it easy to find the right tool. All parts made of heavy gauge steel, electrically welded, reinforced for rugged use, long life. Attractively finished in rocket red, and mechanics gray. Big 4" true tracking casters roll smoothly over rough surfaces. Full stop easy slide drawer suspensions, removable for cleaning. Hide-a-way panel locks along with drawers providing maximum protection.

Overall size: 26 5/8" x 18" x 32 1/2". Weight: Chest only—104 lbs.

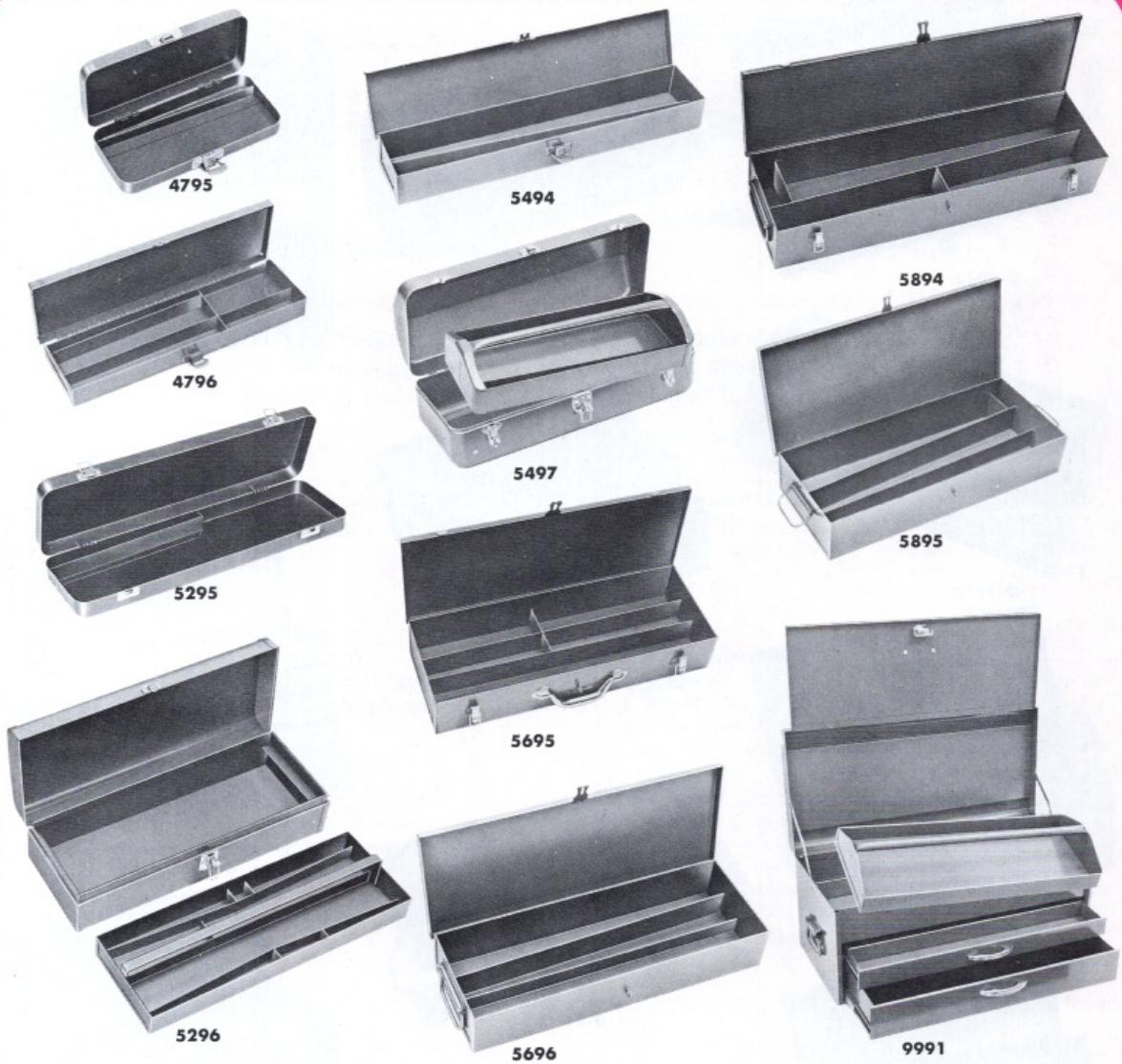


#### No. 9914 APPRENTICE TOOL SET

With this 52-piece tool set, you can handle most service jobs. Low initial investment. Then from this base you can build a complete mechanic's tool set tool by tool while you work! Nothing to throw away . . . you just add to your efficiency with more of the right tools for the job.

| No.         | DESCRIPTION                                  | No.         | DESCRIPTION                | No.           | DESCRIPTION                     |
|-------------|--|-------------|----------------------------|---------------|---------------------------------|
| <b>000A</b> | Feeler Gauge Set—9 short blades, .003 - .018 | <b>2716</b> | ½" Combination Wrench      | <b>6030</b>   | 15/16", ½" Drive Socket         |
| <b>000D</b> | Ignition Gauge Set—10 blades, .013 - .040    | <b>2718</b> | ¾" Combination Wrench      | <b>6032</b>   | 1", ½" Drive Socket             |
| <b>11</b>   | ¾" Cut Cold Chisel                           | <b>2720</b> | 5/8" Combination Wrench    | <b>6034</b>   | 1 1/16", ½" Drive Socket        |
| <b>13</b>   | ¾" Cut Cold Chisel                           | <b>2722</b> | 1 1/16" Combination Wrench | <b>6036</b>   | 1 1/8", ½" Drive Socket         |
| <b>22</b>   | ¾" Center Punch                              | <b>2724</b> | ¾" Combination Wrench      | <b>6040</b>   | 1 1/4", ½" Drive Socket         |
| <b>63</b>   | ¾" Point, Pin Punch                          | <b>2726</b> | 13/16" Combination Wrench  | <b>6120</b>   | 5/8", ½" Drive, Deep Socket     |
| <b>67</b>   | ¾" Point, Starter Punch                      | <b>2728</b> | 7/8" Combination Wrench    | <b>6122</b>   | 1 1/16", ½" Drive, Deep Socket  |
| <b>442</b>  | ½" x 2 ½" Blade Screwdriver                  | <b>4515</b> | Stud Remover               | <b>6124</b>   | ¾", ½" Drive, Deep Socket       |
| <b>601</b>  | ¼" x 1 ½" Blade Screwdriver                  | <b>6012</b> | ¾", ½" Drive Socket        | <b>6126</b>   | 1 3/16", ½" Drive, Deep Socket  |
| <b>604</b>  | ¼" x 4" Blade Screwdriver                    | <b>6014</b> | 7/16", ½" Drive Socket     | <b>6203</b>   | 5" Extension, ½" Drive          |
| <b>808</b>  | ¾" x 8" Blade Screwdriver                    | <b>6016</b> | ½", ½" Drive Socket        | <b>6205</b>   | 10" Extension, ½" Drive         |
| <b>812</b>  | ¾" x 12" Blade Screwdriver                   | <b>6018</b> | 5/16", ½" Drive Socket     | <b>6208</b>   | Universal Joint, ½" Drive       |
| <b>1209</b> | Diagonal Cutting Pliers                      | <b>6019</b> | 19/32", ½" Drive Socket    | <b>6210</b>   | Ratchet, Reversing, ½" Drive    |
| <b>1278</b> | 8" Slip Joint Pliers                         | <b>6020</b> | 5/8", ½" Drive Socket      | <b>6215</b>   | Speed Handle, ½" Drive          |
| <b>1383</b> | Plastic Tip Hammer                           | <b>6022</b> | 1 1/16", ½" Drive Socket   | <b>6238</b>   | 18" Hinge Handle, ½" Drive      |
| <b>2712</b> | ¾" Combination Wrench                        | <b>6024</b> | ¾", ½" Drive Socket        | <b>8616</b>   | 1 lb. Ball Pein Hammer          |
| <b>2714</b> | 7/16" Combination Wrench                     | <b>6025</b> | 25/32", ½" Drive Socket    | <b>D-1120</b> | 20" x 8 1/2" x 9 5/8" Metal Box |
|             |  | <b>6026</b> | 13/16", ½" Drive Socket    |               |                                 |
|             |  | <b>6028</b> | 7/8", ½" Drive Socket      |               |                                 |

Total weight of set . . . 31.30 lbs.



P&C Tool Boxes, Chests and Cabinets are designed by men who use them every day. Forming is precise, joints are tight and smooth, welds will not give way, handles are smooth for ease in carrying and finishes are baked on for years of lasting under the toughest of usage. From hasp to hinge, P&C Boxes are the professional's choice.

| No.  |  | Length             | Width              | Depth              | Wt. Lbs. |
|------|--|--------------------|--------------------|--------------------|----------|
| 4795 | Just the thing for small parts like $\frac{1}{4}$ " drive sockets and attachments..... | 6 $\frac{3}{4}$ "  | 3"                 | 1 $\frac{1}{4}$ "  | .52      |
| 4796 | A quality box with tapered compartment for sockets, room for more.....                 | 12"                | 3 $\frac{1}{2}$ "  | 1 $\frac{1}{8}$ "  | 1.16     |
| 5295 | Has sturdy hinge and sure-hold catch. Just the size for $\frac{3}{8}$ " drive.....     | 17 $\frac{1}{4}$ " | 5 $\frac{1}{4}$ "  | 1 $\frac{1}{2}$ "  | 1.70     |
| 5296 | Capacity for $\frac{3}{8}$ " drive and more. Rounded corners and deep top.....         | 19"                | 7"                 | 4 $\frac{3}{4}$ "  | 9.00     |
| 5494 | Holds large number of $\frac{1}{2}$ " drive sockets plus associated tools.....         | 16 $\frac{1}{4}$ " | 3"                 | 2"                 | 1.86     |
| 5497 | A beauty. Rounded corners, easy-carry handle, full piano hinge.....                    | 18 $\frac{3}{4}$ " | 7 $\frac{1}{4}$ "  | 6"                 | 7.00     |
| 5695 | For $\frac{3}{4}$ " drive sockets and attachments. Has 2 spring catches and hasp.....  | 22 $\frac{1}{8}$ " | 8"                 | 3 $\frac{3}{4}$ "  | 9.00     |
| 5696 | Big and heavy duty for $\frac{3}{4}$ " drive plus many other tools. Handle on end....  | 23 $\frac{1}{2}$ " | 9 $\frac{1}{4}$ "  | 4"                 | 19.50    |
| 5894 | Extra heavy duty for the biggest of sets. Reinforced, riveted.....                     | 30"                | 8 $\frac{1}{4}$ "  | 5"                 | 13.60    |
| 5895 | Made just like the previous box but has more capacity.....                             | 30"                | 12 $\frac{1}{2}$ " | 5 $\frac{1}{2}$ "  | 37.00    |
| 9991 | For master sets. Has tote tray, divided top section, 2 big drawers.....                | 26"                | 12"                | 11 $\frac{1}{4}$ " | 34.00    |



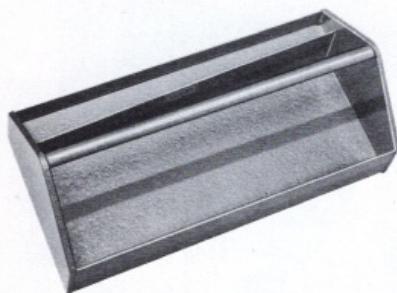
D-0918



D-1121



D-1216



D-1113



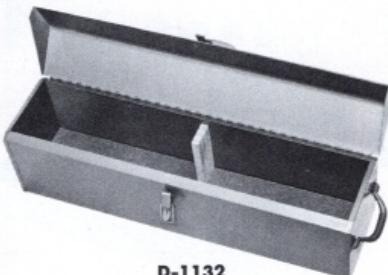
D-1123



P-1225



D-1116

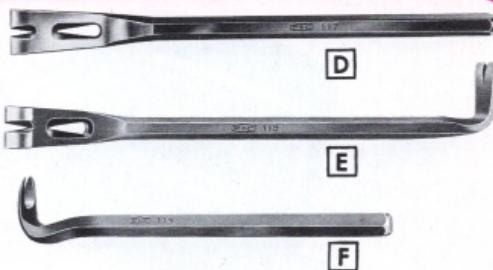
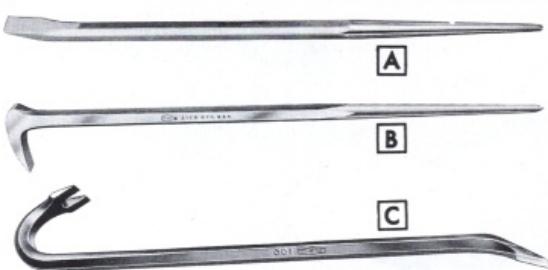


D-1132



D-1250

| No.    |   | Length | Width | Depth | Wt. Lbs. |
|--------|---|--------|-------|-------|----------|
| D-0918 | Large tool compartment plus tote tray. Full length hinge.....           | 19"    | 10"   | 13"   | 16.50    |
| D-1113 | Has big capacity with socket section. Handle rolled steel.....          | 19"    | 9½"   | 3"    | 3.75     |
| D-1116 | Has removable tote tray and big storage space. Full length hinge.....   | 16"    | 7"    | 7"    | 6.00     |
| D-1120 | Handles a big assortment. Full length hinge, hasp and catches.....      | 20"    | 8½"   | 9¾"   | 11.50    |
| D-1121 | Spill-proof design easy to carry, open and use. Tote tray included..... | 21"    | 8½"   | 7½"   | 10.00    |
| D-1123 | Cantilever tray type that is easy to use. Sturdy with big capacity..... | 19"    | 7"    | 7"    | 6.50     |
| D-1132 | Popular hip design. Has clips to hold level, block for saws.....        | 32¼"   | 8"    | 9¾"   | 12.00    |
| D-1216 | The best of roller cabinets. Cover gives complete safety.....           | 26¾"   | 18"   | 32½"  | 86.00    |
| D-1225 | The best of cabinets. Matches roller cabinet above for a set.....       | 26"    | 12"   | 14¾"  | 54.50    |
| D-1250 | For use with precision tools. Drawers lined with green flock.....       | 20½"   | 8½"   | 13½"  | 31.50    |



When you have a prying or ripping job to do, you need strength and leverage. These P&C Bars and Ripping Chisels are made of special analysis steel, hot forged for toughness and scientifically heat treated for extra strength.

**A LINING-UP BARS**

Working easily for prying and aligning jobs. Prying end designed for optimum leverage, tapered end has long slim taper for increased utility.

| No. | Stock Size | Length | Wt. Lbs. |
|-----|------------|--------|----------|
| 101 | 1/2"       | 14"    | .65      |
| 102 | 5/8"       | 18"    | 1.33     |
| 103 | 3/4"       | 24"    | 2.55     |
| 104 | 1 1/16"    | 30"    | 5.50     |

**B ROLLING HEAD BARS**

A functional design idea with a 90° rolling head. Just the thing for getting into tight places.

| No.  | Stock Size | Length | Wt. Lbs. |
|------|------------|--------|----------|
| 2126 | 1/2"       | 16"    | .86      |
| 2130 | 5/8"       | 18"    | 1.62     |

**C WRECKING BARS**

Have long, fully polished chisel point on the pry end. Nail puller end has half polished, deep-bevel nail claw.

| No. | Stock Size | Length | Wt. Lbs. |
|-----|------------|--------|----------|
| 105 | 5/8"       | 18"    | 2.15     |
| 106 | 3/4"       | 24"    | 3.63     |
| 108 | 3/4"       | 30"    | 4.50     |

**D RIPPING CHISEL**

For use where the work is speeded by having the ripper and the nail puller on the same end. Has heat-treated shank end, fully polished chisel blade, dual nail slots.

| No. | Stock Size | Length | Wt. Lbs. |
|-----|------------|--------|----------|
| 117 | 3/4"       | 18"    | 2.17     |

**E OFFSET RIPPING CHISEL**

The same as No. 117 plus additional advantage of a 90° offset claw. Heat treated to withstand hammering. Has triple nail slots.

| No. | Stock Size | Length | Wt. Lbs. |
|-----|------------|--------|----------|
| 118 | 3/4"       | 18"    | 2.48     |

**F NAIL PULLER**

Two or three blows of a hammer firmly seats this handy puller for the toughest of nail pulling jobs.

| No. | Stock Size | Length  | Wt. Lbs. |
|-----|------------|---------|----------|
| 119 | 5/8"       | 10 1/2" | 1.16     |

**AWLS**



P&C Awls are designed for maximum utility. Points are of hardened steel to resist bending and hold the point. Handles are of highest grade hardwood or toughest plastic and are designed to fit the palm comfortably. Point and handle are bonded together for a lifetime of use.

**A TIRE PRODDING AWL**

Designed to remove imbedded particles from automobile tires without damaging the tube. Tapered blade spreads rubber.

| No. | Length | Wt. Lbs. |
|-----|--------|----------|
| 230 | 7 1/4" | .10      |

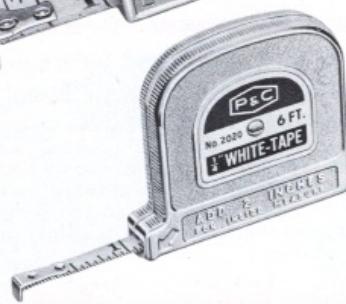
**B GENERAL PURPOSE AWLS**

A variety of lengths and handle designs to choose from. Wooden handles have nickel plated ferrule for protection.

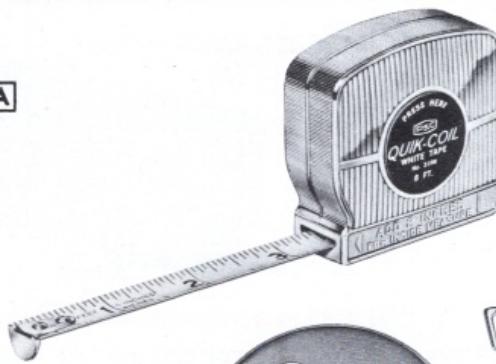
| No. | Length | Wt. Lbs. |
|-----|--------|----------|
| 389 | 4 7/8" | .06      |
| 390 | 6 1/2" | .12      |
| 395 | 6 1/2" | .14      |



A



C



B



D

Tapes that are easy to read and easy to use carry the P&C name. All push-pull and power tapes have 2" cases for easy inside measuring. Blades are replaceable, have clear markings and are bonderized for years of heavy use.

#### A PUSH-PULL TAPES

In beautiful chrome plated metal case. Tape is tempered steel with white bonderized enamel finish and black, easy-to-read foot and inch markings. Self-adjusting end hook permits inside and outside measurements. Blade easily replaced. Comes complete with free belt hook.

| No.  | Type      | Blade Width | Blade Length | Wt. Lbs. |
|------|-----------|-------------|--------------|----------|
| 1949 | Push-Pull | 1/2"        | 6'           | .30      |
| 1950 | Push-Pull | 1/2"        | 8'           | .33      |
| 1951 | Push-Pull | 1/2"        | 10'          | .35      |
| 1952 | Push-Pull | 1/2"        | 12'          | .38      |
| 1953 | Push-Pull | 3/4"        | 12'          | .54      |
| 2026 | Push-Pull | 3/4"        | 10'          | .52      |

#### D STEEL LONG TAPES

Tape is 3/8" white finished steel with clear inch and foot markings. Throat has double throat rollers. Flush folding rewind handle. Hook ring included at end of blade. Case is zinc plated steel covered with attractive vinyl fabric.

| No.  | Length  | Wt. Lbs. |
|------|---------|----------|
| 1961 | 50 ft.  | .75      |
| 1962 | 100 ft. | 1.13     |

#### REPLACEMENT BLADES

Wound in reverse for easy replacement. Universal type that fits most makes of tapes of power and push-pull type.

| No.    | Fits P&C Tape No. | Blade Width | Blade Length |
|--------|-------------------|-------------|--------------|
| 1949-R | 1949              | 1/2"        | 6'           |
| 1950-R | 1950 & 1954       | 1/2"        | 8'           |
| 1951-R | 1951 & 1955       | 1/2"        | 10'          |
| 1952-R | 1952 & 1956       | 1/2"        | 12'          |
| 1953-R | 1953 & 1957       | 3/4"        | 12'          |
| 2026-R | 2026 & 2027       | 3/4"        | 10'          |

#### B POWER TAPES

Gives you positive control of blade return with smooth action and no dangerous snap action. Nylon internal mechanism gives long life and quiet operation. Has heavily chromed case, tempered and bonderized white steel blade. Giant size end hook adjusts for inside-outside measuring. Blades easily changed. Comes complete with free belt hook.

| No.  | Type  | Blade Width | Blade Length | Wt. Lbs. |
|------|-------|-------------|--------------|----------|
| 1954 | Power | 1/2"        | 8'           | .44      |
| 1955 | Power | 1/2"        | 10'          | .46      |
| 1956 | Power | 1/2"        | 12'          | .47      |
| 1957 | Power | 3/4"        | 12'          | .60      |
| 2027 | Power | 3/4"        | 10'          | .58      |

#### C NARROW PUSH-PULL TAPES

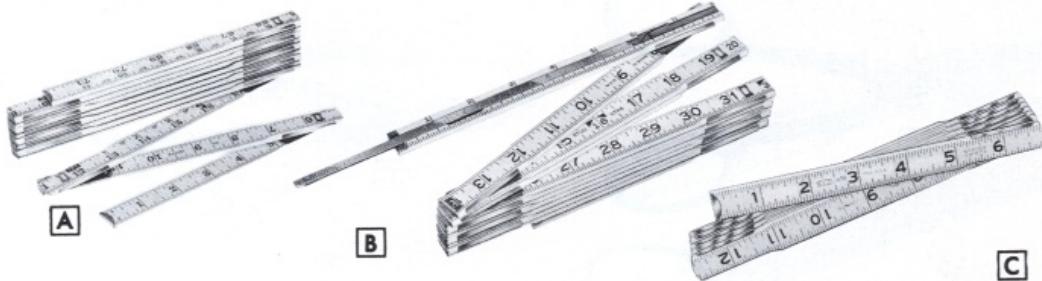
Thin, slim-line design makes this tape handier for pocket and purse. Same accurate measure and ease of reading.

| No.  | Type      | Blade Width | Blade Length | Wt. Lbs. |
|------|-----------|-------------|--------------|----------|
| 2020 | Push-Pull | 1/4"        | 6'           | .16      |
| 2021 | Push-Pull | 1/4"        | 8'           | .25      |
| 2022 | Push-Pull | 1/4"        | 10'          | .30      |



Makes  
Tape-Rule  
display  
easy

Look for this carded P&C  
Tape Rule. It tells the  
entire tape story.

**A HEAVY DUTY FOLDING RULES**

Made of select hardwood with triple-coat white enamel finish. Has 6" folds for greatest convenience in use. Brass plated steel spring joints and brass strike plates to protect markings. Graduated in inches and feet and inches for quick reading.

| No.  | Type    | Reading | Width | Length | Wt. Lbs. |
|------|---------|---------|-------|--------|----------|
| 1959 | Outside | 5/8"    | 6'    | .25    |          |
| 1960 | Inside  | 5/8"    | 6'    | .25    |          |

**B HEAVY DUTY EXTENSION RULE**

Made to the same rigid specifications as P&C No. 1959 and 1960 but has 6" long brass extension that makes possible measurements inside door jams and the like. Can also be used as a depth gauge. Natural boxwood finish.

| No.    | Type    | Reading | Width | Length | Wt. Lbs. |
|--------|---------|---------|-------|--------|----------|
| 1960-E | Outside | 5/8"    | 6'    | .38    |          |

**C ECONOMY FOLDING RULE**

A real utility rule. Has coil spring joints and strike plates to protect markings. Made of seasoned hardwood and multiple coated with clear figures and accurate markings.

| No.    | Type    | Reading | Width | Length | Wt. Lbs. |
|--------|---------|---------|-------|--------|----------|
| 1958   | Outside | 5/8"    | 6'    | .25    |          |
| 1958-I | Inside  | 5/8"    | 6'    | .25    |          |



P&C Rules Packaged  
with Handy Hang-Up  
Sleeves for easy display

## UTILITY KNIVES



This is the handy successor to the pocket knife in the average shop. Has a thousand uses from opening cartons to cutting flooring materials and wallboards. P&C Utility blades are of finest tool steel sharpened to a razor edge.

**A REPLACEABLE BLADE KNIFE**

Comes with five No. 1691 blades stored in the handle. All metal and shaped to fit the hand. Hang-up hole in handle and metal knife guard included.

| No.  | Description            | Wt. Lbs. |
|------|------------------------|----------|
| 1690 | Knife with five blades | .25      |

**B PUSHBUTTON SLIDE-LOCK KNIFE**

Provides instant fingertip positioning to four positions for maximum safety and efficiency in use. Comes with five heavy duty alloy steel blades, No. 1692. Extra blades store in the handle.

| No.  | Description                       | Wt. Lbs. |
|------|-----------------------------------|----------|
| 1693 | Slide-Lock Knife with five blades | .25      |

**C REPLACEMENT BLADES**

Sharp, long-lasting replacement blades for both styles of P&C Utility Knife. Notched to fit all popular styles of knives.

| No.    | Description                   | Wt. Lbs. |
|--------|-------------------------------|----------|
| 1691   | Pkg. of 5 Standard Blades     | .04      |
| 1692   | Pkg. of 5 Heavy Duty Blades   | .05      |
| 1691-X | Pkg. of 100 Standard Blades   | .7       |
| 1692-X | Pkg. of 100 Heavy Duty Blades | .9       |

**D SAW-KNIFE SET**

A complete utility knife and a set of handy saws all in one unit. Knives and saw blades are quickly interchangeable. Set consists of P&C No. 1690 handle with five blades plus No. 1966-M 18-tooth metal-cutting saw, No. 1966-N 24-tooth metal-cutting saw and 1966-W 9-tooth wood cutting saw.

| No.  | Description   | Wt. Lbs. |
|------|---------------|----------|
| 1694 | Saw-Knife Set | .42      |



With P&C Snips you get fast, smooth cuts in sheet metal, sheet brass, copper, plastic cloths and many other materials. Blades are hot drop forged from special analysis steel and electrically heat treated to provide long-wearing toughness. Pivot screws are tightened precisely for the best cut without binding and then locked in that position. Blades give uniform shearing with minimum metal distortion. Handles are hand contoured.

#### A STRAIGHT OR REGULAR

Will handle all kinds of cutting jobs. Gives lots of shearing power.

| No.  | Overall Length | Length of Cut | Wt. Lbs. |
|------|----------------|---------------|----------|
| 1317 | 7"             | 1 3/4"        | .38      |
| 1320 | 10"            | 2 1/2"        | .86      |
| 1322 | 12"            | 3"            | 1.50     |

#### C DUCKBILL OR CIRCULAR

For cutting circles and other curved designs. Blades hollow ground for better work.

| No.  | Overall Length | Length of Cut | Wt. Lbs. |
|------|----------------|---------------|----------|
| 1307 | 7"             | 1 3/4"        | .38      |
| 1310 | 10"            | 2 1/2"        | .84      |
| 1312 | 12"            | 3"            | 1.46     |

#### B COMBINATION PATTERN

For straight and moderately irregular cuts. More versatile than regular snips with the same shearing power.

| No.  | Overall Length | Length of Cut | Wt. Lbs. |
|------|----------------|---------------|----------|
| 1330 | 10"            | 2 1/2"        | .88      |
| 1332 | 12"            | 3"            | 1.46     |

#### D MULTIPLE LEVERAGE

Aviation type with compound action that greatly increases shearing power. Available in straight cut, left cut and right cut.

| No.    | Type Cut | Overall Length | Length of Cut | Wt. Lbs. |
|--------|----------|----------------|---------------|----------|
| 1303-L | Left     | 9 3/4"         | 1 1/16"       | .70      |
| 1303-R | Right    | 9 3/4"         | 1 1/16"       | .70      |
| 1303-S | Straight | 9 3/4"         | 1 5/8"        | .72      |

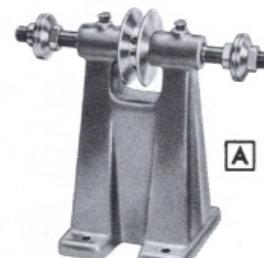
### GRINDING HEADS

P&C Grinding Heads are cast of alloy metal and then machined with care and skill to assure years of vibration-free, smooth, true running. The  $\frac{1}{2}$ " steel spindle runs in oil-impregnated bearings. Bearings are each  $1\frac{1}{4}$ " long to give strength and rigidity. The V-belt pulley can be run from above, below, or from either side. Height to center of spindle is 6".

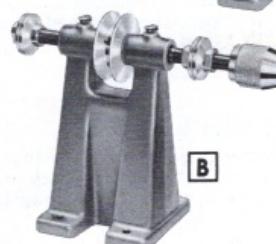
#### A DOUBLE HEAD

Has two sets of flanges for  $\frac{3}{4}$ " face wheels up to 4" in diameter. Handles wheels with  $\frac{1}{2}$ " diameter.

| No.  | Wt. Lbs. |
|------|----------|
| 1656 | 5.00     |



A



B

#### B COMBINATION HEAD

Has longer spindle on right side with a  $0 - \frac{3}{8}$ " capacity three-jawed chuck. Can be used for drilling and other chores. Spindles are  $\frac{1}{2}$ " in diameter and threaded 20 to the inch.

| No.  | Wt. Lbs. |
|------|----------|
| 1657 | 5.63     |

**A CEILING CALKER**

| No.     | Stock Size | Blade Thickness | Blade Width | Blade Length | Overall Length | Wt. Lbs. |
|---------|------------|-----------------|-------------|--------------|----------------|----------|
| 130-5/8 | 5/8"       | 5/32"           | 11/16"      | 1 1/8"       | 10"            | 1.20     |

**B CURVED PONY CALKERS (Inside and Outside)**

| No.        | Stock Size | Blade Thickness | Blade Width | Blade Length | Overall Length | Wt. Lbs. |
|------------|------------|-----------------|-------------|--------------|----------------|----------|
| 21-1/2 In  | 1/2"       | 1/8"            | 3/4"        | 1 1/4"       | 3"             | .13      |
| 21-1/2 Out | 1/2"       | 1/8"            | 3/4"        | 1 1/4"       | 3"             | .13      |

**C BROAD CURVED NOSE CALKING IRON**

| No. | Stock Size | Blade Thickness | Blade Width | Blade Length | Overall Length | Wt. Lbs. |
|-----|------------|-----------------|-------------|--------------|----------------|----------|
| 110 | 5/8"       | 1/8"            | 1 1/2"      | 2"           | 8 1/2"         | .71      |

**D LEFT AND RIGHT CALKERS**

| No.   | Stock Size | Blade Thickness | Blade Width | Blade Length | Overall Length | Wt. Lbs. |
|-------|------------|-----------------|-------------|--------------|----------------|----------|
| 132-L | 5/8"       | 5/32"           | 7/8"        | 1 1/8"       | 8 7/8"         | .87      |
| 132-R | 5/8"       | 5/32"           | 7/8"        | 1 1/8"       | 8 7/8"         | .87      |

**E LONG CALKERS (Inside and Outside)**

| No.        | Stock Size | Blade Thickness | Blade Width | Blade Length | Overall Length | Wt. Lbs. |
|------------|------------|-----------------|-------------|--------------|----------------|----------|
| 33-1/2 In  | 1/2"       | 7/64"           | 3/4"        | 1 1/2"       | 6 1/2"         | .32      |
| 33-1/2 Out | 1/2"       | 7/64"           | 3/4"        | 1 1/2"       | 6 1/2"         | .32      |
| 33-5/8 In  | 19/32"     | 1/8"            | 7/8"        | 1 3/4"       | 7"             | .52      |
| 33-5/8 Out | 19/32"     | 1/8"            | 7/8"        | 1 3/4"       | 7"             | .52      |

**F LONG GASKET CALKERS**

| No.     | Stock Size | Blade Thickness | Blade Width | Blade Length | Overall Length | Wt. Lbs. |
|---------|------------|-----------------|-------------|--------------|----------------|----------|
| 131-5/8 | 5/8"       | 5/32"           | 7/8"        | 4"           | 9 1/2"         | .67      |
| 131-3/4 | 3/4"       | 3/16"           | 1"          | 4 3/4"       | 9 1/2"         | .98      |

**G OFFSET CALKERS (Inside and Outside)**

| No.         | Stock Size | Blade Thickness | Blade Width | Blade Length | Overall Length | Wt. Lbs. |
|-------------|------------|-----------------|-------------|--------------|----------------|----------|
| 033-1/2 In  | 1/2"       | 7/64"           | 3/4"        | 1 1/2"       | 6 1/2"         | .33      |
| 033-1/2 Out | 1/2"       | 7/64"           | 3/4"        | 1 1/2"       | 6 1/2"         | .33      |
| 033-5/8 In  | 5/8"       | 1/8"            | 7/8"        | 1 5/8"       | 7"             | .57      |
| 033-5/8 Out | 5/8"       | 1/8"            | 7/8"        | 1 5/8"       | 7"             | .57      |

**H WATER MAIN CALKERS**

| No.     | Stock Size | Blade Thickness | Blade Width | Blade Length | Overall Length | Wt. Lbs. |
|---------|------------|-----------------|-------------|--------------|----------------|----------|
| 107-3/8 | 13/16"     | 3/8"            | 1"          | 11 1/16"     | 8"             | 1.01     |
| 107-1/2 | 13/16"     | 1/2"            | 1"          | 2 5/16"      | 8"             | 1.04     |
| 109     | 3/4"       | 3/16"           | 1"          | 3 1/16"      | 8"             | .83      |

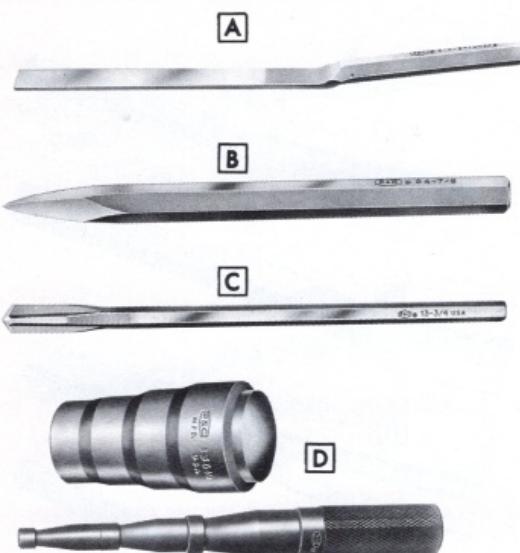
**I OFFSET YARNING IRONS**

| No.             | Stock Size | Blade Thick. | Blade Width | Blade Length | Overall Length | Wt. Lbs. |
|-----------------|------------|--------------|-------------|--------------|----------------|----------|
| 14 1/2 x 12 1/2 | 1/2"       | 13/16"       | 5/8"        | 6 3/4"       | 12 1/2"        | .52      |
| 14 5/8 x 13     | 5/8"       | 3/16"        | 11/16"      | 7 1/4"       | 13"            | .79      |
| 14 5/8 x 19     | 5/8"       | 3/16"        | 11/16"      | 12 3/4"      | 19"            | .99      |
| 14 3/4 x 15     | 3/4"       | 3/16"        | 3/4"        | 9 1/2"       | 15"            | 1.18     |

**INTERNAL PIPE WRENCHES**

Easy to operate. Just screw mandrel to force tough gripping dogs against interior of broken pipe or close nipples, etc. Then turn with wrench. No hammering to release.

| No. | Pipe Size | Overall Length | Spare Set of 3 Jaws No. | Spare Screw No. | Wt. Lbs. |
|-----|-----------|----------------|-------------------------|-----------------|----------|
| 140 | 1/2"      | 3 1/2"         | 140-J                   | 140-S           | .30      |
| 141 | 3/4"      | 3 3/4"         | 141-J                   | 141-S           | .51      |
| 142 | 1"        | 4"             | 142-J                   | 142-S           | .57      |

**A SPRING YARNING IRONS**

| No.    | Stock Size | Blade Thick. | Blade Width | Blade Length | Overall Length | Wt. Lbs. |
|--------|------------|--------------|-------------|--------------|----------------|----------|
| 6½x12  | ½"         | ¾"           | ½"          | 6½"          | 12"            | .45      |
| 6¾x12½ | ¾"         | ¾"           | ¾"          | 7"           | 12½"           | .64      |
| 6¾x18  | ¾"         | ¾"           | ¾"          | 13"          | 18"            | .80      |

**B CONCRETE GADS**

| No.  | Stock Size | Overall Length | Wt. Lbs. |
|------|------------|----------------|----------|
| 84¾  | ¾"         | 12"            | 1.40     |
| 84¾  | 1½"        | 12"            | 1.80     |
| 84-1 | 1½"        | 12"            | 2.30     |

**C STAR DRILLS**

| No.     | Stock Size | Drill Tip Diameter | Overall Length | Wt. Lbs. |
|---------|------------|--------------------|----------------|----------|
| 13¼     | ¼"         | ¼"                 | 12"            | .16      |
| 13-5/16 | ¼"         | ½"                 | 12"            | .16      |
| 13¾     | ½"         | ¾"                 | 12"            | .26      |
| 13½     | ¾"         | ½"                 | 12"            | .38      |
| 13¾     | ¾"         | ¾"                 | 12"            | .52      |
| 13¾     | ½"         | ¾"                 | 12"            | .70      |
| 13¾     | ¾"         | ¾"                 | 12"            | 1.07     |
| 13-1    | ¾"         | 1"                 | 12"            | 1.52     |

**D TUBING EXPANDERS**

A handy tool when you have tube to expand. Ruggedly made to take the pounding. Gradual tapers make the job easier.

- 136-½** Handles 1¼", 1¾" and 1½"  
Overall length 3½". Wt. .86 lbs.  
**137-½** Handles ¾", ½" and ¾"  
Overall length 9". Wt. 1.25 lbs.

**E SOIL PIPE CHISELS**

| No. | Stock Size | Blade Width | Overall Length | Wt. Lbs. |
|-----|------------|-------------|----------------|----------|
| 37½ | ½"         | ½"          | 6½"            | .35      |
| 37¾ | ¾"         | ¾"          | 7"             | .57      |
| 37¾ | ¾"         | ¾"          | 7½"            | .84      |

**F LEAD-PICKING TOOL**

| No. | Stock Size | Blade Width | Overall Length | Wt. Lbs. |
|-----|------------|-------------|----------------|----------|
| 112 | ½"         | ¾"          | 9"             | .46      |

**G PIPE REAMERS**

The quickest thing you can use to remove burs from the ends of pipe and tubing. Can also be used to enlarge holes in sheet metal and as a large countersink. Engineered with care and skill from special hardened steel for long life. Has bit brace shank.

| No.  | Pipe Fit Diameters | Wt. Lbs. |
|------|--------------------|----------|
| 1653 | ⅛" - 1"            | .25      |
| 1654 | ¼" - 1¼"           | .50      |
| 1655 | ⅓" - 2"            | 1.38     |

**H RATCHETING CHAIN WRENCH**

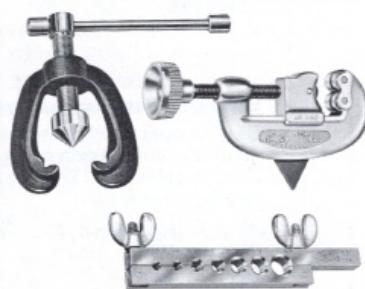
Works on all shapes . . . round, square, hexagon, etc. Gives real turning leverage. Handles all sizes from ¾" to 4". Chain heat treated for strength of 6200 lbs.

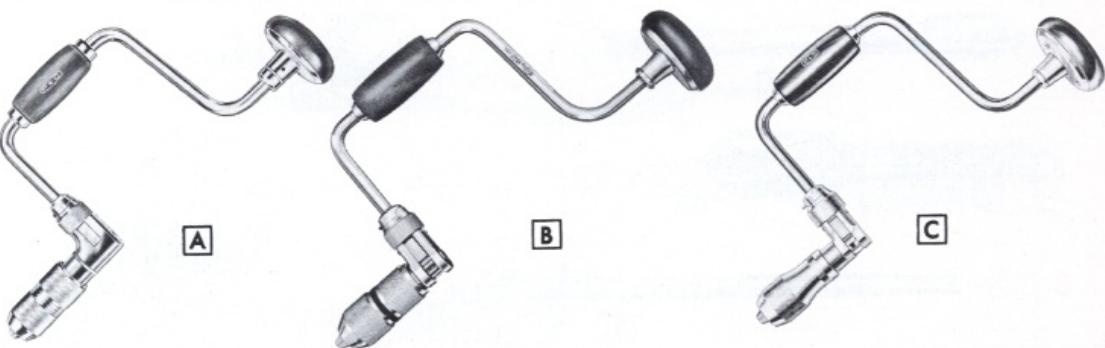
| No.  | Handle Length | Chain Length | Wt. Lbs. |
|------|---------------|--------------|----------|
| 1801 | 12½"          | 16¼"         | 1.60     |

**TUBE CUTTING AND FLARING KIT**

Everything you need to cut and flare thin wall tubing up to 1½". Cutter has retractable reamer blade and heat-treated, replaceable alloy steel cutting wheel. Also has special flare-cut-off rollers. Flaring tool handles tubing from 3/16" through ¾". Slip-on yoke is easy opening and closing. Flare forming cone rides on ball bearing. Metal storage box.

| No. | Item   | Wt. Lbs. |
|-----|--|----------|
| 349 | Tube Cutting and Flaring Kit, complete With Box No. 4029 | 3.30     |
| 350 | Tube Cutter only   | .75      |
| 351 | Tube Flaring Tool only                                   | 1.90     |





P&C Braces are designed to hold the bit securely, ratchet easily and get the hole making job done with the least effort. Handles are of rich hardwood properly seasoned.

**A BOXED RATCHET**

The most popular P&C Brace. Has fully enclosed ratcheting mechanism. Holds square and round shanks from  $\frac{1}{8}$ " to  $\frac{1}{2}$ " diameter. Has new self-centering chuck. All exposed parts nickel plated.

| No.  | Sweep | Wt. Lbs. |
|------|-------|----------|
| 1606 | 10"   | 3.50     |

**B SEMI-BOXED RATCHET**

This P&C Brace has a Barber chuck with alligator jaws and a semi-boxed steel ratchet. Ratcheting mechanism is controlled by a knurled shifter ring. Head is ball bearing. Exposed parts nickel plated.

| No.  | Sweep | Wt. Lbs. |
|------|-------|----------|
| 1607 | 10"   | 2.63     |

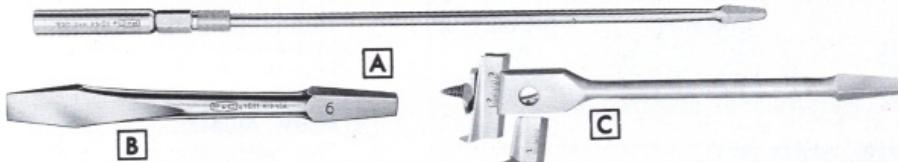
**C ECONOMY RATCHET**

Does a great job at a popular price. Has Barber chuck and a semi-boxed ratchet operated by a knurled ring shift that works easily.

| No.  | Sweep | Wt. Lbs. |
|------|-------|----------|
| 1608 | 10"   | 2.31     |

Over 17,000 stores display and sell P & C Tools from unique, eye-appealing Self Selling Merchandiser units. It's the easiest way ever devised to select the right tool needed for any job.

## BITS AND ACCESSORIES



**A BIT EXTENSION**

Get that extra reach when drilling holes. Has one-piece socket and shank construction. Holds bit securely and fits chuck positively. Can be used with 11/16" bit or larger.

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 1644 | 18"    | .81      |

**B SCREWDRIVER BITS**

The way to drive those tough screws quickly and easily. Hot forged from special steel, then hardened, tempered and polished. Blade tips are carefully engineered to fit the screw slot. Square shanks to fit securely in bit brace chuck. Overall length 5".

| No.  | Blade Width | Screw Size | Wt. Lbs. |
|------|-------------|------------|----------|
| 1609 | 4/16"       | 6 to 8     | .08      |
| 1610 | 5/16"       | 8 to 12    | .10      |
| 1611 | 6/16"       | 12 to 16   | .14      |

**C EXPANSIVE BITS**

Clark pattern type. Two cutters for each bit.

| No.  | Capacity                      | Wt. Lbs. |
|------|-------------------------------|----------|
| 1642 | $\frac{1}{2}" - \frac{1}{2}"$ | .25      |
| 1643 | $\frac{7}{8}" - 3"$           | .50      |

**REPLACEMENT CUTTERS**

| No.   | Capacity                       |
|-------|--------------------------------|
| 1642A | $\frac{1}{2}" - \frac{7}{8}"$  |
| 1642B | $\frac{7}{8}" - 1\frac{1}{2}"$ |
| 1643A | $\frac{7}{8}" - 1\frac{3}{4}"$ |
| 1643B | $1\frac{3}{4}" - 3"$           |

Every P & C Tool is GUARANTEED against defects in workmanship or materials. You can buy P & C with confidence.



A



C



D



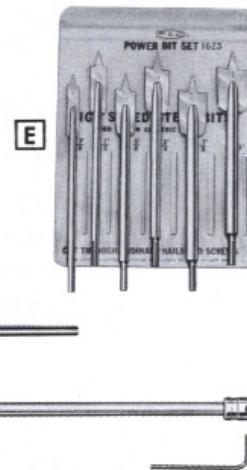
F



H



B



E



G

**A COUNTERSINKS**

Do a fast and clean job in wood, non-ferrous metals and even mild steel. Give an 82° countersink that fits the screwhead perfectly. Overall length 4 1/4".

| No.  | Diameter | Wt. Lbs. |
|------|----------|----------|
| 1648 | 1/2"     | .10      |
| 1649 | 3/4"     | .15      |

**B COUNTERSINK — STRAIGHT SHANK**

Fits drill presses and hand drills. Does a smooth countersinking job in mild steel, non-ferrous metals, wood, etc. Countersinks at 82° angle.

| No.  | Description            | Wt. Lbs. |
|------|------------------------|----------|
| 1647 | 1/4" shank — 1/2" body | .04      |

**C COUNTERSINK — HIGH SPEED**

Will work in any machinable material. Produces standard 82° angle. Overall length is 2 5/8".

| No.  | Description            | Wt. Lbs. |
|------|------------------------|----------|
| 1650 | 1/4" shank — 1/2" body | .06      |
| 1651 | 1/4" shank — 5/8" body | .09      |
| 1652 | 1/4" shank — 3/4" body | .12      |

**D HIGH SPEED POWER BITS**

The fastest way yet to put holes in hard or soft woods, plastic, plywood or similar materials. Chuck end fits all standard 1/4" drills and is flattened to hold fast in regular three-jaw chuck. Shank length permits full cut to 5" depth.

| No.  | Hole Diameter | Shank Diameter | Wt. Lbs. |
|------|---------------|----------------|----------|
| 1612 | 3/8"          | 1/4"           | .10      |
| 1613 | 1/2"          | 1/4"           | .10      |
| 1614 | 5/8"          | 5/16"          | .13      |
| 1615 | 3/4"          | 5/16"          | .15      |
| 1616 | 7/8"          | 5/16"          | .17      |
| 1617 | 1"            | 5/16"          | .19      |

**E POWER BIT SET**

All the above sizes of Power Bits in a handy plastic carrying roll. With this set you will always have the bit you need for fast hole drilling in all materials.

| No.    | Description         | Wt. Lbs. |
|--------|---------------------|----------|
| 1625-B | Set of 6 Power Bits | .88      |

**MASONRY DRILLS — CARBIDE POWER TYPE**

For fast, accurate drilling of concrete, tile, brick, slate, marble, rock, stone, plastic, glass, steel, plaster, asphalt, micarta, etc. Sharp tungsten carbide cutters and three or more spirals.

**F HOLLOW CORE TYPE**

| No.      | Hole Size | Shank Diameter | Overall Length | Wt. Lbs. |
|----------|-----------|----------------|----------------|----------|
| 12-5/8   | 5/8"      | 5/8"           | 8"             | .24      |
| 12-3/4   | 3/4"      | 3/8"           | 8 1/2"         | .32      |
| 12-7/8   | 7/8"      | 1/2"           | 9"             | .54      |
| 12-1     | 1"        | 1/2"           | 9"             | .60      |
| 12-1-1/8 | 1 1/8"    | 1/2"           | 10"            | .78      |

**G SOLID SHAFT TYPE**

| No.     | Hole Size | Shank Diameter | Overall Length | Wt. Lbs. |
|---------|-----------|----------------|----------------|----------|
| 11-3/16 | 3/16"     | 3/16"          | 4"             | .03      |
| 11-1/4  | 1/4"      | 1/4"           | 5"             | .06      |
| 11-5/16 | 5/16"     | 1/4"           | 5"             | .06      |
| 11-3/8  | 3/8"      | 1/4"           | 5"             | .09      |
| 11-7/16 | 7/16"     | 1/4"           | 5"             | .11      |
| 11-1/2  | 1/2"      | 1/4"           | 6"             | .18      |

**H SCREW GUIDES**

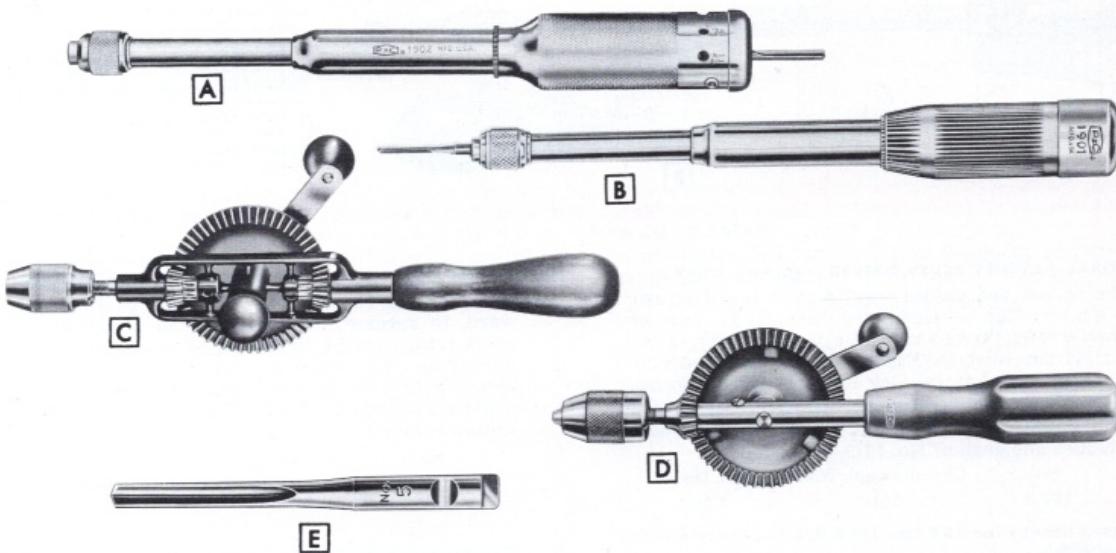
The easiest way ever to put screws into wood. Works with either hand or power drills. Drills the pilot hole, gives a larger hole for the screw body and provides a countersink all in one operation. Can also be set to provide for hole plug. Easily adjustable to handle screws of all lengths. This one tool replaces a whole set of other makes that do this job with less efficiency.

| No.  | Size Screw Handled   | Wt. Lbs. |
|------|----------------------|----------|
| 1630 | #6 (also 5 and 7)    | .12      |
| 1631 | #8 (also 7 and 9)    | .12      |
| 1632 | #10 (also 9 and 11)  | .12      |
| 1633 | #12 (also 11 and 13) | .12      |

**I POWER BIT EXTENSION**

Gives real long reach when used with P&C Power Bits (Nos. 1612 to 1617). Takes all sizes and will "follow through" when used with 3/4" or larger. Comes with hex key.

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 1635 | 12"    | .53      |



Under the P&C label you find the most popular and usable drills in both the hand and automatic push type. It is easy to select the one best suited for the job at hand. Each drill is engineered with care. The chucks, gears, pinions, cranks and handles all combine to make for ease in use and speed in getting the job done.

#### A DELUXE AUTOMATIC PUSH DRILL

This is a smooth working all metal drill with years of built-in usage. Constructed of hollow brass tubes with a machined spiral running through a hard bronze center nut. Has quick-action chuck released by a slight forward pressure of the thumb. Hand-easy handle has interior drill storage for eight drill points and is indexed. Drill is finished in polished and buffed nickel. Comes complete with eight drill points in sizes from 1/16" to 11/64".

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 1902 | 10"    | .63      |

#### B POPULAR AUTOMATIC PUSH DRILL

Works easily and smoothly. Has new quick-action chuck that locks or releases drills with a slight thumb pressure. The plastic handle of unbreakable Tenite II has four interior compartments for handy drill storage. Cap is of polished aluminum that fits the palm of the hand. Comes with four drills in sizes 5/64", 7/64", 9/64" and 11/64".

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 1901 | 10"    | .50      |

#### C SUPERIOR HAND DRILL

This is a sturdy, double pinion hand drill that works smoothly and without jerks or jamming. Hardwood crank and handle are easy to hang on to. Extra handle at crank shaft adds to versatility. Frame is of sturdy, die-cast zinc. Pinions are of steel. Three-jawed chuck with protected springs holds drills up to 1/4". All metal parts nickelized to resist rust.

| No.  | Capacity  | Length  | Wt. Lbs. |
|------|-----------|---------|----------|
| 1683 | 0 to 1/4" | 12 1/2" | 1.75     |

#### D POPULAR HAND DRILL

A solid steel frame drill with dependable service built into it. Solid steel pinion and machine-cut teeth for smoother operation. Handles are easy on the hands and are of selected hardwood. Three-jawed chuck handles round shanked drills between 0 to 1/4".

| No.  | Capacity  | Length | Wt. Lbs. |
|------|-----------|--------|----------|
| 1682 | 0 to 1/4" | 11"    | 1.38     |

#### E DRILL POINTS

Designed to drill clean holes with ease in wood, soft metal, plastic, wallboard and many other materials. Made of top grade tool steel carefully shaped and sharpened then hardened and tempered. Shank has milled base that gives positive fit in the bottom of the chuck. Notch locks drill in place. Can also be used in standard hand drills.

| No.  | Size   |
|------|--------|
| 1905 | 1/16"  |
| 1906 | 5/64"  |
| 1907 | 3/32"  |
| 1908 | 7/64"  |
| 1909 | 1/8"   |
| 1910 | 9/64"  |
| 1911 | 5/32"  |
| 1912 | 11/64" |

#### DRILL POINT SET

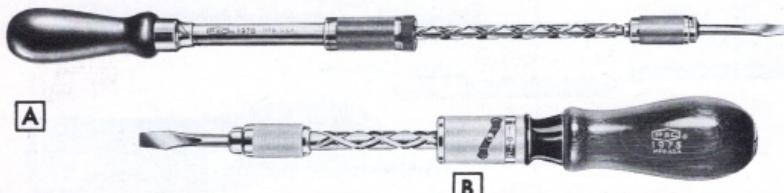
A complete set of the eight sizes listed above in a screw-capped plastic vial. One of each size for handy usage.

| No.   | Wt. Lbs. |
|-------|----------|
| 1915B | .06      |

70



## SCREWDRIVERS

**A SPIRAL RATCHET SCREWDRIVER — HEAVY DUTY**

The fastest and easiest way to set a lot of screws in a hurry. Can be used three ways: (1) To drive or draw screws, (2) As a ratcheting screwdriver, (3) As a rigid screwdriver. Easily adjusted knurled control sleeve and spiral lock nut sets action. Spring in handle automatically positions screwdriver for succeeding strokes . . . permits one-hand operation.

Includes one each of No. 1979-C, D, E.

| No.  | Overall Length With Bit | Wt. Lbs. |
|------|-------------------------|----------|
| 1978 | 20½"                    | 1.50     |

**Extra blades for P&C No. 1978 Ratchet Screwdriver**

| No.    | Blade Size | Wt. Lbs. |
|--------|------------|----------|
| 1979-C | 7/32"      | .05      |
| 1979-D | 1/4"       | .05      |
| 1979-E | 9/32"      | .05      |

**Phillips Cross-Slot Bits for P&C No. 1978 Ratchet Screwdriver**

| No.  | Phillips Size | Wt. Lbs. |
|------|---------------|----------|
| 1980 | No. 1         | .06      |
| 1981 | No. 2         | .06      |
| 1982 | No. 3         | .06      |

**B SPIRAL RATCHET SCREWDRIVER — QUICK CHANGE**

A flip of the ratchet lever and you go from forward, to reverse, or to the locked position. Has quick-return spring in handle to permit one-hand operation. Will drive or draw screws from #4 through #8 with speed and ease. Handle is of clear grained hardwood. All parts beautifully machined. Comes complete with one 1/4" bit.

| No.  | Overall Length With Bit | Wt. Lbs. |
|------|-------------------------|----------|
| 1975 | 10"                     | .50      |

**C Accessory Set for P&C No. 1975 Ratchet Screwdriver**

Adds to the uses to which you can put your Ratchet Screwdriver. Includes 5/32" cabinet bit; drill points 1/16", 5/64", 3/32"; one 3/8" countersink.

| No.  | Wt. Lbs. |
|------|----------|
| 1976 | .13      |

**P & C . . . QUALITY Tools for building America!**



## GLASS CUTTERS



P&C Glass Cutters give a clean cut that breaks away easily without ragged edges or splintering. Wheels stay sharp and run true. Handles are designed to fit the hand for greatest comfort in use and maximum control of the cutter.

**A TURRET HEAD CUTTER**

This is the original of this design and is famous for high grade performance. Turret turned from solid bar steel and heat treated for maximum wear. Six tested wheels mounted on numbered turret axle can be used successively. A top grade tool at low cost.

| No.  | Overall Length | Wt. Lbs. |
|------|----------------|----------|
| 1985 | 5¾"            | .07      |

**B BREAKER-BALL CUTTER**

This well balanced cutter comes with a breaker-ball for tapping the cut. Has type "D" wheel and three widths of breaker notches.

| No.  | Overall Length | Wt. Lbs. |
|------|----------------|----------|
| 1986 | 5"             | .08      |

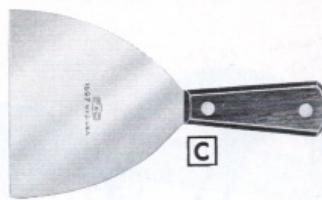
**C EASY-USE CUTTER**

This cutter fits the hand naturally and can be used for long periods without fatigue. Equipped with a type "D" cutter. Has three standard widths of breaker notches to fit most glass thicknesses.

| No.  | Overall Length | Wt. Lbs. |
|------|----------------|----------|
| 1987 | 5¼"            | .08      |

**P&C is the fastest growing line of hand tools in the country . . . the result of growing user insistence on the quality and craftsmanship found in P&C.**



**A****B****C**

**P&C Putty and Wall Knives** are made of the best spring steel, tempered to achieve maximum flexibility and ease of use. Handles are of selected hardwood permanently fastened to the blade.

**[A] PUTTY KNIFE**

Tapered blade for maximum flexibility. Highly polished to get smooth putty flow. Hang-hole in handle.

| No.  | Blade Width | Wt. Lbs. |
|------|-------------|----------|
| 1695 | 1 1/4"      | .14      |

**[B] WALL SCRAPER**

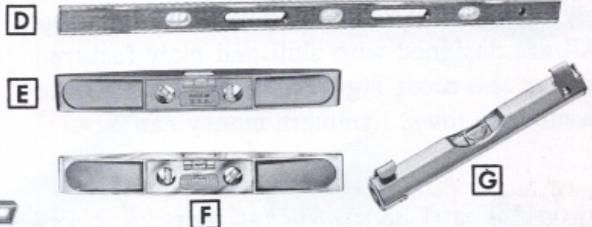
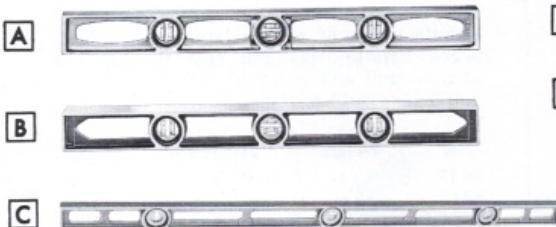
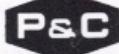
Blade is tapered for maximum flexibility and extends the full length of the handle.

| No.  | Blade Width | Wt. Lbs. |
|------|-------------|----------|
| 1696 | 3"          | .27      |

**[C] SPACKLING KNIFE**

Tang extends the full length of the handle. Blade is square-ended, broad and mirror finished.

| No.  | Blade Width | Wt. Lbs. |
|------|-------------|----------|
| 1697 | 5"          | .29      |

**LEVELS**

Levels that measure true and stay that way carry the P&C label. Glass vials are carefully set and skillfully locked in place. Edges are true and flat.

**[A] PREMIER ALUMINUM LEVELS**

Surfaces accurately milled. Glass protected vials have excellent visibility. Six vials permit instant reading, no matter which way you use the level.

| No.  | Dimensions | Wt. Lbs. |
|------|------------|----------|
| 1920 | 18"        | 1.88     |
| 1921 | 24"        | 2.38     |
| 1922 | 28"        | 2.63     |

**[B] ECONOMY ALUMINUM LEVEL**

Has six vials to work any way, glass protected. Precision parallel grind on faces and edges.

| No.  | Dimensions | Wt. Lbs. |
|------|------------|----------|
| 1927 | 24"        | 2.25     |
| 1928 | 28"        | 2.50     |

**[C] MASON'S LEVEL - ALUMINUM**

The tops, bottoms and ends of this rigid and lightweight aluminum level are true and parallel. Will not warp or rust. Has six cat's eye vials protected under heavy glass for years of trouble-free usage.

| No.  | Dimensions | Wt. Lbs. |
|------|------------|----------|
| 1924 | 48"        | 4.13     |

**[D] MASON'S LEVEL - METAL CLAD**

Made from select, kiln-dried mahogany with double angle brass binding and strong brass end plates. Shock resistant permanently marked glass vials protected by glass windows.

| No.  | Dimensions | Wt. Lbs. |
|------|------------|----------|
| 1925 | 48"        | 3.38     |

**[E] TORPEDO LEVEL - ALUMINUM**

Lightweight and handy. Permanently marked vials for accuracy. Base grooved for use on tubular work. Has plumb, level and 45° vials.

| No.  | Dimensions | Wt. Lbs. |
|------|------------|----------|
| 1926 | 9" long    | .34      |

**[F] MAGNETIC ALUMINUM TORPEDO LEVEL**

Has strong, lifetime magnet in edge that holds to iron or steel.

| No.  | Dimensions | Wt. Lbs. |
|------|------------|----------|
| 1929 | 9" long    | .37      |

**[G] LINE LEVEL**

Made of featherweight aluminum to prevent line sag. Has generous hooks with non-snap feature.

| No.  | Dimensions    | Wt. Lbs. |
|------|---------------|----------|
| 1923 | 5/8" Hex x 3" | .04      |



Under the P&C label you will find a wide variety of the finest hammers available anywhere. All are designed with skill and manufactured under the most rigid inspection system to assure the finest hammers money can buy.

**A TUBULAR STEEL HANDLE — ROYAL SERIES**

A bell-faced tubular steel hammer for the economy-minded. Of finest grade steel and well balanced.

| No.  | Head Wt. | Description | Wt. Lbs. |
|------|----------|-------------|----------|
| 8466 | 16 oz.   | Curved Claw | 1.58     |

**B TUBULAR STEEL HANDLE — COMMANDER SERIES**

This is the finest nail hammer money can buy. Handle made of tubular steel with non-slip neoprene handle. Has bell face design with black painted poll and polished face and side. A beauty you'll be proud to use.

| No.      | Head   | Weight                  | Description | Overall | Weight |
|----------|--------|-------------------------|-------------|---------|--------|
| 8413     | 13 oz. | Curved Claw             |             | 12½"    | 1.25   |
| 8416     | 16 oz. | Curved Claw             |             | 13"     | 1.58   |
| 8416-R   | 16 oz. | Ripping Claw            |             | 13"     | 1.58   |
| 8420     | 20 oz. | Curved Claw             |             | 14"     | 1.83   |
| 8420-R   | 20 oz. | Ripping Claw            |             | 14"     | 1.84   |
| 8420-RL  | 20 oz. | Ripping Claw, Long      |             | 16"     | 1.92   |
| 8420-RM  | 20 oz. | Rip. Claw, Milled Face  |             | 14"     | 1.84   |
| 8420-RLM | 20 oz. | Rip. Claw, Long, Milled |             | 16"     | 1.92   |

**A TACK HAMMER**

Well balanced and strong magnet head that holds its magnetism. Solid hickory handle.

| No.  | Head Wt. | Description   | Wt. Lbs. |
|------|----------|---------------|----------|
| 8008 | 5 oz.    | Magnetic Head | .41      |

**B BRICK MASON'S HAMMERS**

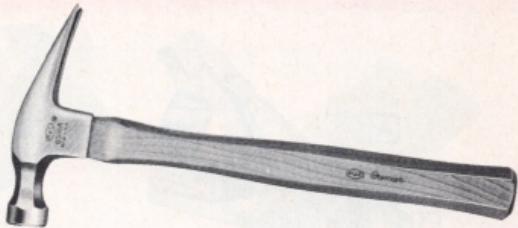
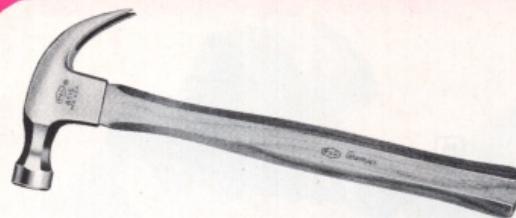
Perfect balance and proper wrist radius prevents straining. Chipping and cutting made easy with sharp, hardened chipper end.

| No.  | Head Wt.           | Length of Head | Wt. Lbs. |
|------|--------------------|----------------|----------|
| 8912 | 10-oz. Tile Setter | 6"             | .77      |
| 8920 | 1½ lbs.            | 7¼"            | 1.35     |
| 8924 | 1½ lbs.            | 8½"            | 2.00     |

**REPLACEMENT HANDLES FOR HAMMERS**

Shaped for an exact fit. Made of the best grade, fine grain hickory.

| For Hammer No. | Use Handle No. | For Hammer No. | Use Handle No. |
|----------------|----------------|----------------|----------------|
| 8167           | 8167-H         | 8316           | 8316-H         |
| 8170           | 8170-H         | 8316-R         | 8316-H         |
| 8216           | 8316-H         | 8516           | 8316-H         |
| 8313           | 8313-H         | 8516-R         | 8316-H         |

**HICKORY HANDLE — PREMIER SERIES**

Finest quality and appearance. Beautifully polished head with octagon neck. Fire hardened handle, straight grained in distinctive P&C oval shape.

| No.    | Head Wt. | Description  | Wt. Lbs. |
|--------|----------|--------------|----------|
| 8516   | 16 oz.   | Curved Claw  | 1.45     |
| 8516-R | 16 oz.   | Ripping Claw | 1.45     |

**HICKORY HANDLE — COMMANDER SERIES**

Designed for the discriminating "Do-it-yourselfer" and professional carpenter. Oval fire-hardened handle that stays tight.

| No.    | Head Wt. | Description  | Wt. Lbs. |
|--------|----------|--------------|----------|
| 8313   | 13 oz.   | Curved Claw  | 1.20     |
| 8316   | 16 oz.   | Curved Claw  | 1.45     |
| 8316-R | 16 oz.   | Ripping Claw | 1.45     |

**HICKORY HANDLE — ROYAL SERIES**

Drop forged with octagon neck. Polished face and back of claw. Particularly designed for today's competitive market. Oval, fire-hardened handle.

| No.  | Head Wt. | Description | Wt. Lbs. |
|------|----------|-------------|----------|
| 8216 | 16 oz.   | Curved Claw | 1.45     |

**HICKORY HANDLE — CROWN SERIES**

Black finish on heads with polished face and back of claw. Exceptional quality in the low price field.

| No.  | Head Wt. | Description | Wt. Lbs. |
|------|----------|-------------|----------|
| 8170 | 7 oz.    | Curved Claw | .65      |
| 8167 | 16 oz.   | Curved Claw | 1.45     |

**HATCHETS**

Balance, swing and keen cutting edges are the high points of P&C Hatchet design. Made of the best special alloy steels with cushion grip handles that absorb shock.

**A TUBULAR STEEL HANDLE — HALF HATCHET**

Has extra thin blade in carpenter's half hatchet design. Chrome plated tubular handle cannot come loose. Rubber cushion hand grip won't slip even when wet.

| No.  | Blade Width | Overall Length | Wt. Lbs. |
|------|-------------|----------------|----------|
| 8715 | 3 1/2"      | 13"            | 1.58     |

**C HICKORY HANDLE — HALF HATCHET**

Head is forged in one piece and scientifically tempered. Has fire-hardened hickory handle that stays put. Handy nail puller forged in the head. Cushion grip.

| No.  | Blade Width | Overall Length | Wt. Lbs. |
|------|-------------|----------------|----------|
| 8716 | 3 1/2"      | 13"            | 1.85     |

**B LATHING-SHINGLE HATCHET**

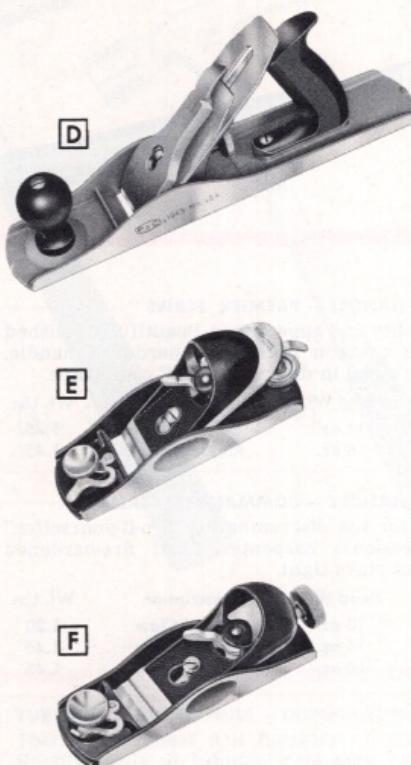
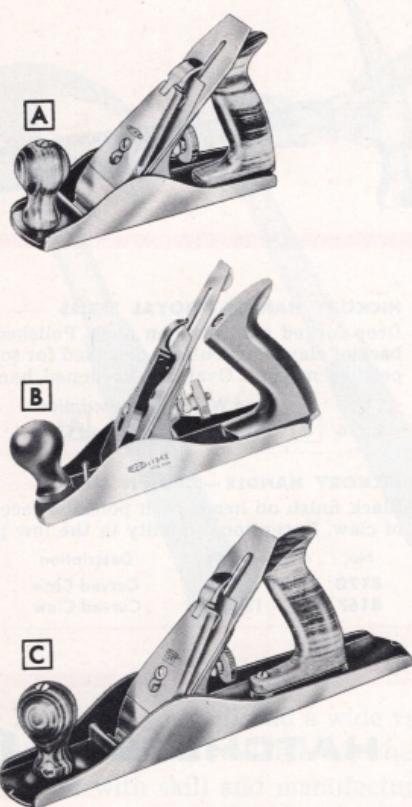
The shingler's favorite. Has thin blade with inside edge sharpened. Checker milled face. Gauge adjusts to five different positions. Easy grip fire-hardened hickory handle complete with leather safety thong.

| No.  | Blade Width | Overall Length | Wt. Lbs. |
|------|-------------|----------------|----------|
| 8720 | 2 1/4"      | 12"            | 1.80     |

**D TUBULAR STEEL HANDLE — BELT AXE**

The sportsman's favorite. Made of finest tool steel with beveled driving face to reduce mushrooming. Handle of chrome plated tubular boron steel. Cannot come loose. Leather sheath included.

| No.  | Blade Width | Overall Length | Wt. Lbs. |
|------|-------------|----------------|----------|
| 8719 | 3 1/8"      | 13 1/4"        | 2.00     |



Balance, ease of use and the smoothness of the finished job are the criteria for judging a plane. On every score P&C planes measure up. Handles are scientifically shaped to fit the hand and provide a grip that gives certain control at all times. Plane bodies are all-steel construction, engineered to lighten weight without sacrificing needed strength. Blades are of finest steel sharpened with precision and scientifically tempered to hold an edge. Blade adjustment mechanism works easily and stays put. All this combines to make working with a P&C Plane a real pleasure.

#### A DELUXE BENCH PLANE

Quick and easy depth and side adjustment of the high carbon, tool steel blade. Polished bottom slides over the work. Tropical hardwood handles. A quality tool in every way.

| No.  | Length | Cutter | Wt. Lbs. |
|------|--------|--------|----------|
| 1940 | 9"     | 2"     | 4.25     |

#### D POPULAR JACK PLANE

Has solid tool steel blade. Easily adjustable for depth of cut and angle of blade. Knob and handle fit the hand and give complete plane control.

| No.  | Length | Cutter | Wt. Lbs. |
|------|--------|--------|----------|
| 1943 | 14"    | 2"     | 5.38     |

#### B POPULAR BENCH PLANE

An economy priced plane with years of built-in service. Depth and side adjustments work quickly and easily. Knob and handle are of clear-grained hardwood. Cutter is one solid piece of tool steel. Has smooth polished bottom.

| No.  | Length | Cutter | Wt. Lbs. |
|------|--------|--------|----------|
| 1942 | 9"     | 2"     | 4.00     |

#### E ADJUSTABLE THROAT QUALITY BLOCK PLANE

Gives you complete control of the amount of cut. Easy depth and side control of the blade. Has positive cam blade lock. Standard 20° angle.

| No.  | Length | Cutter | Wt. Lbs. |
|------|--------|--------|----------|
| 1944 | 6"     | 1 1/8" | 1.50     |

#### C DELUXE JACK PLANE

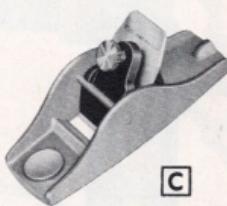
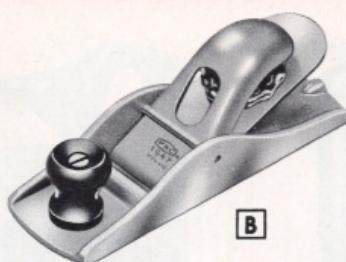
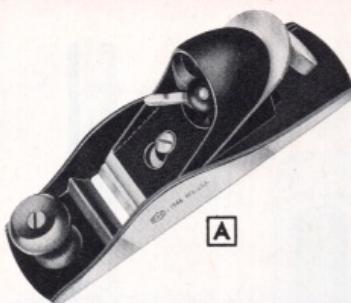
A high quality plane for the craftsman or serious hobbyist. Attractive gray iron smooth bottom and frog. Three-point bearing lever cap is nickel plated. Handles of tropical hardwood. Full depth and side adjustment of special-analysis steel blade.

| No.  | Length | Cutter | Wt. Lbs. |
|------|--------|--------|----------|
| 1941 | 14"    | 2"     | 5.50     |

#### F LOW ANGLE BLOCK PLANE

Low angle (12°) is particularly good for working on end grain and hardwoods. Adjustable throat. Has screw depth adjustment of blade of solid steel specially hardened and tempered.

| No.  | Length | Cutter | Wt. Lbs. |
|------|--------|--------|----------|
| 1945 | 6"     | 1 1/8" | 1.25     |

**A POPULAR BLOCK PLANE**

Easy screw depth adjustment of blade. Tropical hardwood handle. Lever cam lock holds blade securely. Well balanced for one or two-hand use.

| No.  | Length | Cutter | Wt. Lbs. |
|------|--------|--------|----------|
| 1946 | 7"     | 1 1/8" | 1.38     |

**B STANDARD BLOCK PLANE**

Designed for general, all-around use. Has knob operated blade clamp. Blade is of solid tool steel scientifically heat treated. Operates at standard angle of 20°.

| No.  | Length | Cutter | Wt. Lbs. |
|------|--------|--------|----------|
| 1947 | 7"     | 1 1/8" | 1.50     |

**C MODEL MAKER BLOCK PLANE**

Designed for the close work encountered by pattern makers and model hobbyists. Specially fitted for one-hand operation.

| No.  | Length | Cutter | Wt. Lbs. |
|------|--------|--------|----------|
| 1948 | 3 1/2" | 1"     | .38      |

You get the smoothest planing job when you use a P & C Plane. Blades are easily adjusted and handles give balance for fatigue-free usage.

## SCRAPERS, HAND SANDERS, PLUMB BOBS

**A****B****C****A SCRAPERS**

This scraper is designed to work efficiently in removing paint, finishing woodwork or any other scraping job. Paint brush type handle gives you maximum pull and leverage. Tempered steel blade has four edges all told . . . two ready for instant use and two in reserve available by reversing the blade in the handle.

| No.    | Blade Width        | Wt. Lbs. |
|--------|--------------------|----------|
| 1973   | 2 1/2"             | .43      |
| 1973-B | Extra 2 1/2" blade | .13      |
| 1974   | 1 1/2"             | .25      |
| 1974-B | Extra 1 1/2" blade | .06      |

For Automotive Scrapers, see page 51

**B HAND SANDERS — PERMANENT TYPE**

This is the sander that has made sandpaper old fashioned. Made of tough, diamond-hard tungsten permanently welded to a tough steel back. Positively will not wrinkle, shred or tear. Each sander is complete and ready to use. Includes hand contoured wooden block (size 2 3/4" x 5 1/2") with 1/8" felt to cushion the steel abrasive sheet. Available in two grits.

| No.  | Grits       | Wt. Lbs. |
|------|-------------|----------|
| 1684 | Fine (150)  | .30      |
| 1685 | Medium (80) | .30      |

**C PLUMB BOBS**

P&C Plumb Bobs hang accurately and true. Make line, level and point locating easier. Each one is accurately machined from cold rolled steel.

| No.  | Length | Wt. Oz. |
|------|--------|---------|
| 1602 | 2 3/4" | 2 1/2   |
| 1603 | 3 1/2" | 5       |
| 1604 | 4 1/4" | 8       |
| 1605 | 5"     | 12      |

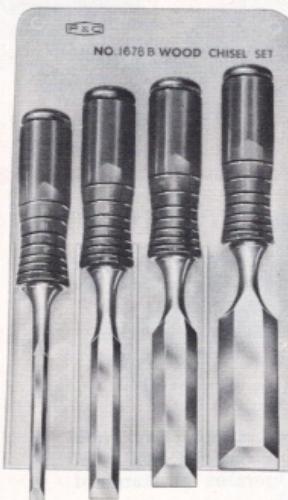
**Every P&C Tool is GUARANTEED against defects in workmanship or materials. You can buy P&C with confidence.**



A



B



C



D

**A BUTT CHISELS**

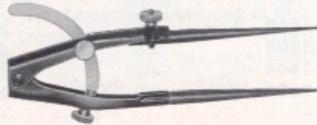
Designed for heavy duty use. Tapered blade is 3" long and highly polished to resist rust. Cutting edge is scientifically ground for maximum ease of use. Tough "Tenite" handle has steel cap that gives a positive driving surface. Overall length 8½".

| No.  | Cut | Wt. Lbs. |
|------|-----|----------|
| 1660 | ¼"  | .38      |
| 1662 | ½"  | .44      |
| 1664 | ¾"  | .56      |
| 1665 | 1"  | .56      |
| 1666 | 1¼" | .63      |
| 1667 | 1½" | .75      |

**B WOOD CHISELS**

A quality chisel specially designed for those who prefer a shorter, well balanced tool. Blade and bolster is hot forged in one piece from special high-carbon chisel steel. Heavy bolsters give real protection to the handle even under hardest useage. Blade is 2½" long for all widths. Overall length 7".

| No.  | Cut | Wt. Lbs. |
|------|-----|----------|
| 1670 | ¼"  | .19      |
| 1672 | ½"  | .23      |
| 1674 | ¾"  | .27      |
| 1675 | 1"  | .29      |
| 1676 | 1¼" | .33      |
| 1677 | 1½" | .38      |

**WING DIVIDERS****C NO. 1678-B WOOD CHISEL SET**

A popular set of four wood chisels in a handy plastic carrying case. Sizes show clearly. Chisels are 2½" blade length in ¼", ½", ¾" and 1" sizes.

Set includes one each of the following:

Nos. 1670, 1672, 1674, 1675 Wt. 1.00 Lbs.

**D PLUMBERS' ALL STEEL CHISELS**

A favorite of plumbers because they can put them to the toughest useage. Made of special alloy chisel steel. Generous overall length to reach into hard-to-get-at spots.

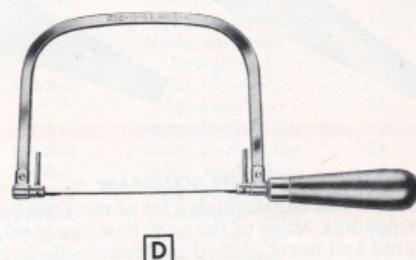
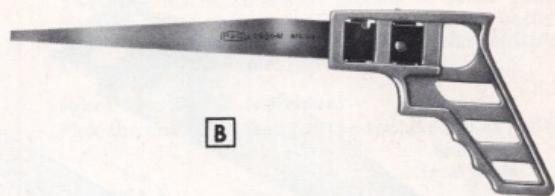
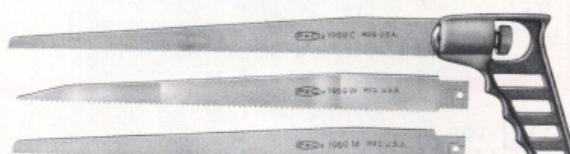
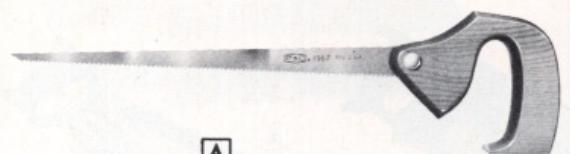
| No.    | Cut     | Stock | Blade Length | Overall Length | Wt. Lbs. |
|--------|---------|-------|--------------|----------------|----------|
| 5-7/16 | 5/8"    | 7/16" | 3 1/4"       | 9 1/2"         | .40      |
| 5-1/2  | 3/4"    | 1/2"  | 3 1/2"       | 9 3/4"         | .50      |
| 5-5/8  | 1"      | 5/8"  | 3 3/4"       | 10"            | .70      |
| 5-3/4  | 1 3/16" | 3/4"  | 4"           | 10 1/2"        | 1.00     |

For a Complete Listing of P&C Quality  
PLUMBER TOOLS see Pages 65 and 66

**Every P&C Tool is GUARANTEED against defects in workmanship or materials. You can buy P&C with confidence.**

An accurate, easily adjusted divider ideal for layout work. Adjustments are spring-tensioned for greater accuracy. Made of pressed steel with hardened points and knurled adjusting screws. One leg adjustable and can be replaced with a pencil.

| No.  | Overall Length | Wt. Lbs. |
|------|----------------|----------|
| 1993 | 7"             | .35      |



The measure of a saw is its ability to cut fast and true . . . to hold a set . . . to stay sharp with continued usage. On all these criteria you can count on P&C Saws. They are made from the finest steels. Each is shaped, tempered, sharpened and finished with skill that comes with years of saw making experience.

#### A COMPASS SAW

Two position handle for regular or flush cutting. Complete with #1967-K 14" 8-point blade of finest saw steel sharpened to perfection. Tough hardwood handle has large wing nut for easy position changing.

| No.  | Blade Length | Wt. Lbs. |
|------|--------------|----------|
| 1967 | 14"          | .71      |

#### Extra Blades for No. 1967 Compass Saw

| No.    | Teeth | Length | Wt. Lbs. |
|--------|-------|--------|----------|
| 1967-K | 8     | 14"    | .19      |
| 1967-L | 8     | 12"    | .17      |

#### B KEYHOLE SAWS

Hand-fitting pistol grip. Tough metal-cutting blade goes through metal, wood, plastic, bone in a hurry. Blades easily changeable. Complete with one 18-tooth (No. 1966-M) blade.

| No.  | Blade Length | Overall Length | Wt. Lbs. |
|------|--------------|----------------|----------|
| 1966 | 7½"          | 10"            | .30      |

#### Extra Blades for No. 1966 Saw Handle

(Also for use in 1694 Handle)

| No.    | For   | Blade | Teeth | Wt. Lbs. |
|--------|-------|-------|-------|----------|
| 1966-M | Metal | 7½"   | 18    | .04      |
| 1966-N | Metal | 7½"   | 24    | .04      |
| 1966-W | Wood  | 7½"   | 9     | .03      |

#### C KEYHOLE SAW COMBINATION SET

Form-fitting handle has quick-action chuck that makes blade changing easy. Blade can be turned and locked in any one of eight positions. Saw comes with blades Nos. 1969-C, 1969-M, 1969-W.

| No.  | Description                                      | Wt. Lbs. |
|------|--|----------|
| 1969 | Saw Combination Set with handle and three blades | 1.51     |

#### Extra Blades for No. 1969 Saw Handle

| No.    | Type of Blade    | Teeth | Length | Wt. Lbs. |
|--------|------------------|-------|--------|----------|
| 1969-C | Combination      | 10    | 12"    | .10      |
| 1969-M | Metal Cutting    | 24    | 12"    | .13      |
| 1969-W | Wood Cutting     | 7     | 12"    | .13      |
| 1969-S | Special Dry Wall | 9     | 5½"    | .04      |

#### D COPING SAWS

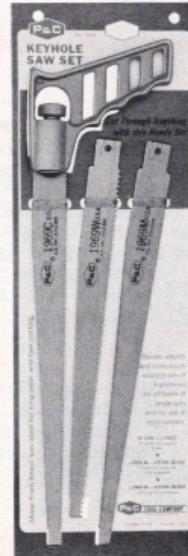
Designed to be easy on blades . . . to give a more controlled cut. These frames are of high test spring steel and provide blade-stiffening tension. Studs hold either 6" or 6½" blades with either pin or loop ends. Blades can be rotated and locked in any position. Comfortable hardwood handle provides complete blade tension adjustment. Comes complete with one No. 1971-A blade.

| No.  | Depth of Throat | Wt. Lbs. |
|------|-----------------|----------|
| 1970 | 4¾"             | .56      |
| 1971 | 6½"             | .69      |

#### EXTRA BLADES FOR P&C COPING SAWS

Available in both loop-end and pin-end design. Made of the best saw steel uniformly heat treated and sharpened for the finest and smoothest of cuts. No. 1971-A is a heavier blade.

| No.    | Type of End | Length | No. per Pkg. | Wt. Lbs. |
|--------|-------------|--------|--------------|----------|
| 1971-A | Pin         | 6½"    | 6            | .01      |
| 1971-B | Loop        | 6"     | 6            | .01      |



#### EASY TO DISPLAY SAW SET

Saw-set No. 1969 comes mounted on easy-to-display card for quick and easy display on all types of merchandising units.

**A CARPENTER'S FAVORITE HANDSAW**

This saw will cut through a lot of material between sharpenings. Made of the very best saw steel, taper ground and bevel filed to perfection. Blade is polymerized to prevent rust. Best quality carved hardwood handle stays put. Available in three point sizes.

| No.    | Size and Type | Points | Wt. Lbs. |
|--------|---------------|--------|----------|
| 1679   | 26" Cross Cut | 8      | 2.00     |
| 1680   | 26" Cross Cut | 10     | 2.00     |
| 1680-R | 26" Ripping   | 5½     | 2.00     |

*P&C Hand Saws cut true and hold their set.*

**B TOP VALUE HANDSAW**

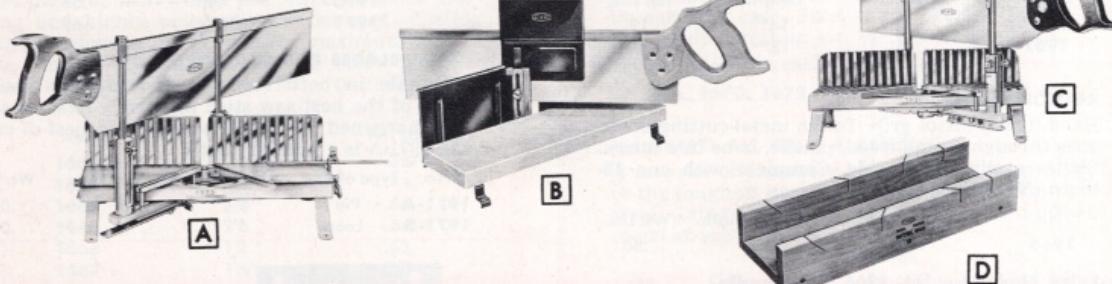
A popular favorite with home craftsmen. Light weight and easy to use. Blade is of high grade taper ground steel. Teeth are bevel filed and precision set for long, smooth cutting. Tough hardwood handle contoured for comfortable hand fit.

| No.  | Size and Type | Points | Wt. Lbs. |
|------|---------------|--------|----------|
| 1681 | 26" Cross Cut | 8      | 1.00     |

**C BACK SAWS**

Made from top quality steel to take a sharp tooth and accurate set. Ideal for use with P&C Hard Maple Mitre Boxes. Rigid back for straight cuts.

| No.    | Length | Wt. Lbs. |
|--------|--------|----------|
| 1934-S | 12"    | .57      |
| 1933-S | 14"    | 1.25     |

**MITRE BOXES****A LANGDON ACME MITRE BOX**

One-piece cast iron back and bed. Steel swing lever and posts. Oilite bearing saw guides. Graduated arc and index plate. High grade saw included. Extendable swing lever swings right or left 90° and locks at any desired angle (automatically locks at most used angles). Automatic catch holds saw elevated. Capacity: 10½" at right angles, 7¼" at mitre.

| No.  | Saw Size | Wt. Lbs. |
|------|----------|----------|
| 1930 | 28" x 5" | 36       |

**C POPULAR MITRE BOX**

Similar to the well known Langdon Acme but smaller. One-piece cast iron bed and back. Swinging lever goes right or left, locks in most used positions. Automatic catch holds saw elevated when desired. Comes complete with top grade backsaw. Capacity: 8¾" at right angles, 6" at mitre.

| No.  | Saw Size | Wt. Lbs. |
|------|----------|----------|
| 1931 | 24" x 4" | 30       |

**D ECONOMY MITRE BOX**

Of sturdy steel and wood construction. Has die-cast saw guides and positive adjustable depth lock. Accurate angle cuts from 0° to 50°. Graduated index plate and quick-acting lock. Complete with saw.

| No.  | Saw Size | Wt. Lbs. |
|------|----------|----------|
| 1932 | 4" x 16" | 6.63     |

Handy in any workshop. Made of selected, kiln dried rock maple. Extra broad 5" width. Has one 45° face mitre, two regular 45° mitres and one 90° square cut. Cannot become misaligned.

| No.  | Length | Wt. Lbs. |
|------|--------|----------|
| 1933 | 12"    | 2.25     |
| 1934 | 16"    | 3.00     |

**A SABRE SAW BLADES**

These blades fit all major models of saber saws. Made from tough saw steel sharpened to cut easily. Won't break or bend. Both straight and fast cutting angle blades available.

**Sabre Saw Blades, Individual**

Pick the ones you need for the specific job at hand.

| No.    | Type                          | Teeth per In. of Blade |
|--------|-------------------------------|------------------------|
| 1963-A | Wood, Straight Cut            | 7                      |
| 1963-B | Wood, Straight Cut            | 10                     |
| 1963-C | Metal, Hi Speed, Straight Cut | 14                     |
| 1963-D | Metal, Hi Speed, Straight Cut | 32                     |
| 1963-F | Metal, Straight Cut           | 18                     |
| 1963-G | Metal, Straight Cut           | 24                     |
| 1963-J | Metal, Angle Cut              | 18                     |
| 1963-K | Metal, Angle Cut              | 24                     |
| 1963-L | Wood, Angle Cut               | 7                      |
| 1963-M | Wood, Angle Cut               | 10                     |
| 1963-N | Metal, Hi Speed, Angle Cut    | 14                     |
| 1963-O | Metal, Hi Speed, Angle Cut    | 32                     |

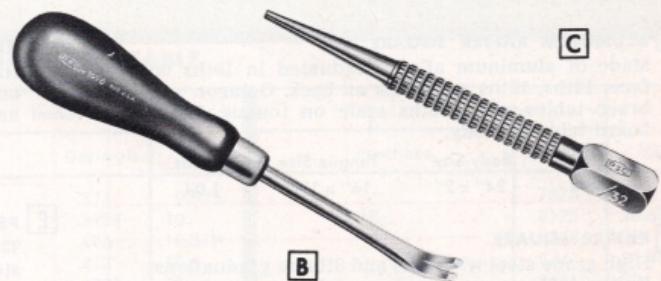
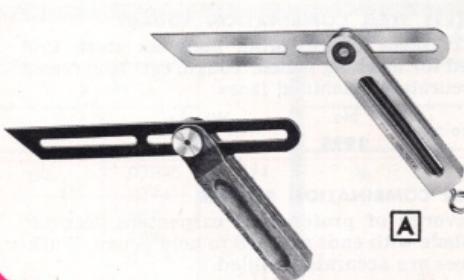
**B SABRE SAW BLADE SET**

Have the blade on hand when you need it. All the most used items in a handy plastic pouch. Can be hung on tool board if desired.

**No. Contents**

1963-SB Contains one (1) each of straight blades Nos. 1963-A, B, C, D and angle blades Nos. 1963-L, M, N, O.

## BEVELS, TACK CLAW, NAIL SETS

**A BEVELS**

Adjust easily and have positive locking devices that hold the angle when once set.

| No.  | Type       | Blade Length | Wt. Lbs. |
|------|------------|--------------|----------|
| 1601 | Carpenters | 8"           | .25      |
| 1600 | All Metal  | 8"           | .58      |

**B TACK CLAW**

Makes quick work of pulling tacks of all kinds and types. Forged blade is of top grade tool steel.

| No.  | Blade Size  | Overall Length | Wt. Lbs. |
|------|-------------|----------------|----------|
| 1698 | 5/32" Diam. | 7"             | .19      |

**C NAIL SETS**

The choice of the finest cabinet makers. Made of molybdenum steel carefully heat treated. Points are cupped to work better. Body is deep knurled to prevent slipping. Head is square to prevent rolling and beveled to stop mushrooming.

| No.  | Point Diam. | Body  | Length | Wt. Lbs. |
|------|-------------|-------|--------|----------|
| 1935 | 1/32"       | 5/16" | 4"     | .09      |
| 1936 | 2/32"       | 5/16" | 4"     | .09      |
| 1937 | 3/32"       | 5/16" | 4"     | .09      |
| 1938 | 4/32"       | 5/16" | 4"     | .09      |

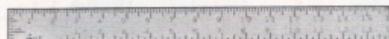
**P&C Tools Are User Tested — Over 40 Years of It!**



A



B



C



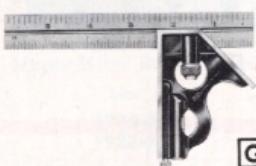
D



E



F



G

## SQUARES

P&C Squares are made from a single piece of metal, hard rolled and shaped to amazing accuracy. Markings are deep etched and are easy to read.

### A ALUMINUM RAFTER SQUARE

Made of aluminum alloy. Graduated in 16ths on face; 16ths, 12ths and 10ths on back. Octagon and brace tables plus 100ths scale on tongue. Essex board table on body.

| No.  | Body Size | Tongue Size | Wt. Lbs. |
|------|-----------|-------------|----------|
| 1992 | 24" x 2"  | 16" x 1½"   | 1.04     |

### B RAFTER SQUARE

High grade steel with 4ths and 8ths as graduations. Rafter tables on one side and Essex board plus Brace tables on the other. Blued finish.

| No.  | Body Size | Tongue Size | Wt. Lbs. |
|------|-----------|-------------|----------|
| 1991 | 24" x 2"  | 16" x 1½"   | 2.00     |

### C FRAMING SQUARE

Made of high grade steel graduated in 4ths and 8ths with Essex board measure and Brace tables on one side. Bright finish.

| No.  | Body Size | Tongue Size | Wt. Lbs. |
|------|-----------|-------------|----------|
| 1990 | 24" x 2"  | 16" x 1½"   | 2.00     |

## COMBINATION SQUARES

All have grooved blades for a more positive hold. Markings are deeply etched and easily read. All have handy built-in levels and scribes that stay put.

### D STAINLESS STEEL COMBINATION SQUARE

Has 12" blade of rustproof stainless steel. End notched for marking pencil. Tough, cast iron frame has accurately machined faces.

| No.  | Wt. Lbs. |
|------|----------|
| 1995 | 1.25     |

### E PREMIER COMBINATION SQUARE

The favorite of professional carpenters. Has 12" steel blade with ends notched to hold pencil. Working faces are accurately milled.

| No.  | Wt. Lbs. |
|------|----------|
| 1994 | .87      |

### F ECONOMY COMBINATION SQUARE

Easy to read. Full 12" blade and accurate cast beam. Has spring-held scribe and double hairline level. A real value.

| No.    | Wt. Lbs. |
|--------|----------|
| 1994-E | .75      |

### G 6" POCKET COMBINATION SQUARE

A handy item when you are away from the bench. Has cast beam and grooved blade.

| No.  | Wt. Lbs. |
|------|----------|
| 1996 | .38      |

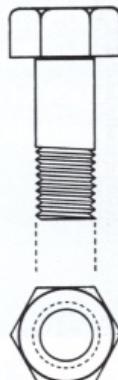
Every P&C Tool is GUARANTEED against defects in workmanship or materials. You can buy P&C with confidence.

# Standard Bolt, Nut and Screw Sizes Corresponding to Sizes of P&C Wrenches and Sockets

| Thread<br>Diameter<br>of Bolt,<br>Nut or<br>Screw | AMERICAN STANDARD SERIES                  |  |   |  |                         |  |  |   |
|---|---|--|---|--|-------------------------|--|--|---|
|   | HEAVY                                     |  | REGULAR   |  | LIGHT                   |  | Hexagon<br>Nuts,<br>Jam Nuts,<br>Slotted<br>Nuts and<br>Castle<br>Nuts | Square<br>and<br>Hexagon<br>Machine<br>Screw<br>Nuts and<br>Square<br>Stove<br>Bolt<br>Nuts |
|   | Square<br>and<br>Hexagon<br>Bolt<br>Heads | Square<br>Nuts and<br>Hexagon<br>Nuts,<br>Jam Nuts<br>and<br>Slotted<br>Nuts | Square<br>and<br>Hexagon<br>Bolt<br>Heads<br>(Mach.<br>Bolt<br>Heads) | Square<br>Nuts and<br>Hexagon<br>Nuts,<br>Jam Nuts<br>and<br>Slotted<br>Nuts | Nat. Fine<br>(SAE Thr.) | Hexagon<br>Full<br>Finished<br>Cap<br>Screw<br>Heads |  |   |
| #0 & 1  |   |  |   |  |                         |  | 5/32   |   |
| #2 & 3  |   |  |   |  |                         |  | 3/16   |   |
| #4  |   |  |   |  |                         |  | 1/4  |   |
| #5 & 6  |   |  |   |  |                         |  | 5/16   |   |
| #8  |   |  |   |  |                         |  | 11/32  |   |
| #10   |   |  |   |  |                         |  | 3/8  |   |
| #12   |   |  |   |  |                         |  | 7/16   |   |
| 1/4"  |   | 1/2  |   | 5/16   |                         | 7/16   | 1/4  | 3/8   |
| 5/16"   |   | 15/32  |   | 1/2  |                         | 1/2  | 5/16   | 1/2   |
| 3/8"  |   | 11/16  |   | 5/8  |                         | 5/16   | 5/16   | 5/16  |
| 7/16"   |   | 23/32  |   | 3/4  |                         | 5/8  | 7/16   | 5/8   |
| 1/2"  |   | 7/8  |   | 13/16  |                         | 3/4  | 1/2  | 3/4   |
| 9/16"   |   | 15/16*   |   | 7/8  |                         | 13/16  | 5/8  | 7/8   |
| 5/8"  | 1 1/16                                    | 1 1/16   | 15/16   | 1  | 15/16                   | 7/8  | 5/8  | 15/16   |
| 3/4"  | 1 1/4                                     | 1 1/4  | 1 1/8   | 1 1/8  | 1 1/16                  | 1  | 3/4  | 1 1/8   |
| 7/8"  | 1 1/16                                    | 1 1/16   | 1 1/16  | 1 1/16   | 1 1/4                   | 1 1/8  | 7/8  | 1 1/16  |
| 1"  | 1 1/8                                     | 1 1/8  | 1 1/2   | 1 1/2  | 1 1/16                  | 1 1/4  | 1  | 1 1/2   |
| 1 1/8"  | 1 1/16                                    | 1 1/16   | 1 1/16  | 1 1/16   | 1 1/16                  | 1 1/2  | 1 1/16   | 1 1/16  |
| 1 1/4"  | 2   | 2  | 1 1/8   | 1 1/8  | 1 1/16                  | 1 1/16   | 1 1/4  | 1 1/8   |
| 1 1/2"  | 2 3/8                                     | 2 3/8  | 2 1/4   | 2 1/4  | 2 3/16                  | 2  | 1 1/2  | 1 1/2   |
| 1 5/8"  | 2 3/16                                    | 2 3/16   | 2 1/16  | 2 1/16   | 2                       | 1  | 1 1/2  | 1 1/2   |
| 1 1/4"  | 2 3/8                                     | 2 3/8  | 2 1/4   | 2 1/4  | 2 3/16                  | 1  | 1 1/2  | 1 1/2   |
| 1 1/2"  | 2 3/16                                    | 2 3/16   | 2 1/16  | 2 1/16   | 2 3/16                  | 1  | 1 1/2  | 1 1/2   |
| 1 3/4"  | 2 3/4                                     | 2 3/4  | 2 5/16  | 2 5/16   | 2 3/16                  | 1  | 1 1/2  | 1 1/2   |
| 1 7/8"  | 2 15/16                                   | 2 15/16  | 2 13/16   | 2 13/16  | 2 13/16                 | 1  | 1 1/2  | 1 1/2   |
| 2"  | 3 1/8                                     | 3 1/8  | 3   | 3  | 2 13/16                 | 1  | 1 1/2  | 1 1/2   |
| 2 1/4"  | 3 1/2                                     | 3 1/2  | 3 3/8   | 3 3/8  | 2 13/16                 | 1  | 1 1/2  | 1 1/2   |
| 2 1/2"  | 3 7/8                                     | 3 7/8  | 3 3/4   | 3 3/4  | 2 13/16                 | 1  | 1 1/2  | 1 1/2   |
| 2 3/4"  | 4 1/4                                     | 4 1/4  | 4 1/8   | 4 1/8  | 2 13/16                 | 1  | 1 1/2  | 1 1/2   |
| 3"  | 4 5/8                                     | 4 5/8  | 4 1/2   | 4 1/2  | 2 13/16                 | 1  | 1 1/2  | 1 1/2   |

## HOW TO USE THIS CHART

To use this chart, locate thread diameter of bolt, nut or screw in extreme left column. Then move across to box which has proper identification of bolt, nut or screw at top of vertical column. The size in this particular box is the nominal opening size in inches of the P&C wrenches and sockets that will fit.



4- and 8-Point Sockets are used on Square Bolt Heads, Nuts and Screw Heads. 6- and 12-Point Sockets are used on Hexagon Bolt Heads, Nuts and Screw Heads.

\*Does not apply to USS Nuts.

## METRIC CONVERSION TABLE

| Inches    |          |       | Inches    |          |        | Inches    |          |        |
|-----------|----------|-------|-----------|----------|--------|-----------|----------|--------|
| Fractions | Decimals | MM    | Fractions | Decimals | MM     | Fractions | Decimals | MM     |
| 1/32      | .03215   | .794  | 3/16      | .375     | 9.525  | 13/16     | .8125    | 20.    |
|           | .0394    | 1.    |           | .3937    | 10.    |           | .8125    | 20.638 |
|           | .059     | 1.5   | 1/16      | .406     | 10.319 | 27/32     | .8268    | 21.    |
|           | .062     | 1.588 | 13/32     | .413     | 10.5   |           | .844     | 21.431 |
|           | .0787    | 2.    |           | .4331    | 11.    |           | .8661    | 22.    |
| 3/32      | .094     | 2.381 | 7/16      | .438     | 11.113 | 7/8       | .875     | 22.225 |
|           | .0984    | 2.5   | 15/32     | .469     | 11.906 |           | .9055    | 23.    |
|           | .1181    | 3.    |           | .4724    | 12.    |           | .9062    | 23.019 |
| 1/8       | .125     | 3.175 |           | .492     | 12.5   |           | .9375    | 23.813 |
|           | .1378    | 3.5   | 1/2       | .500     | 12.700 | 29/32     | .9449    | 24.    |
|           | .156     | 3.969 | 17/32     | .5118    | 13.    | 31/32     | .969     | 24.606 |
|           | .1575    | 4.    |           | .531     | 13.494 |           | .9843    | 25.    |
|           | .177     | 4.5   |           | .5512    | 14.    | 1         | 1.000    | 25.400 |
| 5/32      | .1875    | 4.763 | 9/16      | .563     | 14.288 |           | 1.0236   | 26.    |
|           | .1969    | 5.    |           | .571     | 14.5   |           |          |        |
|           | .2165    | 5.5   |           | .5906    | 15.    |           |          |        |
| 7/32      | .219     | 5.556 | 13/32     | .594     | 15.081 |           |          |        |
|           | .2362    | 6.    |           | .625     | 15.875 |           |          |        |
| 1/4       | .250     | 6.350 |           | .6299    | 16.    |           |          |        |
|           | .2559    | 6.5   |           | .6496    | 16.5   |           |          |        |
|           | .2756    | 7.    | 21/32     | .656     | 16.669 |           |          |        |
|           | .281     | 7.144 |           | .6693    | 17.    |           |          |        |
| 9/32      | .2953    | 7.5   | 11/16     | .6875    | 17.463 |           |          |        |
|           | .312     | 7.938 |           | .7087    | 18.    |           |          |        |
|           | .315     | 8.    | 23/32     | .719     | 18.256 |           |          |        |
|           | .335     | 8.5   |           | .7283    | 18.5   |           |          |        |
| 11/32     | .344     | 8.731 |           | .7480    | 19.    |           |          |        |
|           | .3543    | 9.    | 3/4       | .750     | 19.050 |           |          |        |
|           | .374     | 9.5   | 25/32     | .781     | 19.844 |           |          |        |

American and Metric wrench sizes are taken across the flats of the bolt head; British Standard size is taken from outside diameter of threads.



American

Metric

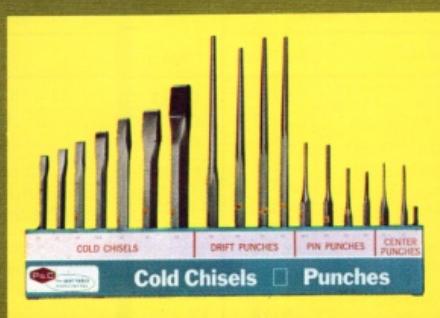
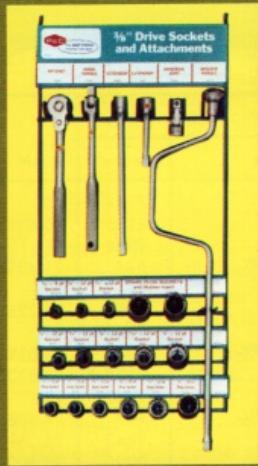
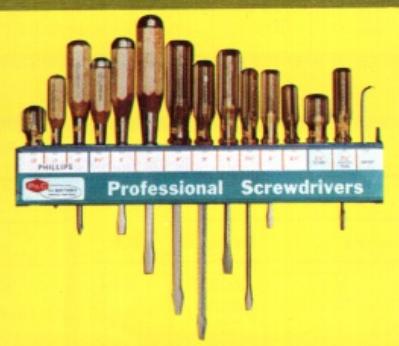
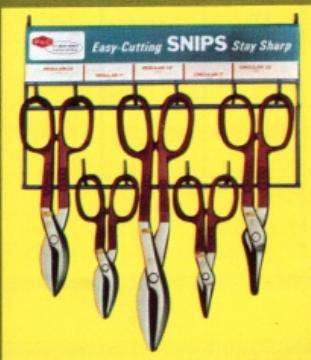
British Standard



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